

Student Success Through Quality Teaching

# Student Success Through Quality Teaching

# Certification Examinations for

Oklahoma Educators (CEOE)

**Test Dates** September 8, 2007 November 3, 2007 February 2, 2008 April 19, 2008 June 21, 2008

Registration Bulletins are available at all teacher preparation institutions, National Evaluation Systems, the Oklahoma Commission for Teacher Preparation and available online July 1, 2007 at www.ceoe.nesinc.com

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# OCTP 2007 Annual Report

The Oklahoma Commission for Teacher Preparation (OCTP) serves as Oklahoma's independent standards board for teacher education. The enabling legislation of the Commission (HB 1549 passed in 1995) charged the OCTP with creating a competency-based teacher preparation system that would ensure competent and qualified teachers in every classroom, thereby creating a more highly educated workforce in Oklahoma. In order to carry out its legislative charge, the agency

assumes three primary responsibilities: the accreditation of teacher preparation programs, the assessment of teacher candidates, and the ongoing growth and development of classroom teachers across the State. Realizing that the greatest determinant of student success is the quality of the classroom teacher, the emphasis of the Commission is to prepare teachers from entry into teacher preparation programs and continuing throughout their career.

*The vision of the commission is student success through quality teaching.* Developing and sustaining a wellprepared professional teacher workforce ensures that all Oklahoma students have the opportunity to be academically successful.



# Commission Members, 2007-2008

Ms. Linda Sholar, Stillwater, Chair Dr. Debbie Blue, Shawnee, Vice Chair Mr. Barry Beauchamp, Lawton Ms. Julia Carpenter, Oklahoma City Ms. Judith Chalmers, Edmond Ms. Tracy Dakil, Chickasha Mr. Weldon Davis, Bethany Ms. Carrie DeMuth, Stillwater

Dr. Sandy Johnson, Oklahoma City Mr. John Kennedy, Oklahoma City Mr. John Massey, Durant Ms. Gayle Miles-Scott, Oklahoma City Dr. Chris Ormsbee, Stillwater Mr. William Stuart Price, Tulsa

Mr. Sonny Richards, Stringtown Dr. Peter Sherwood, Stillwater Ms. T. J. Sonne, Norman Ms. Anna-Mary Suggs, Norman Dr. Barbara Ware, Ponca City Ms. Leahna West, Ada

### **Ex-Officio** Members

Dr. Phil Berkenbile, State Director, Department of Career & Technology Education (Ms. Kimberly Sadler, Designee)

> Ms. Sandy Garrett, State Superintendent of Public Instruction (Dr. Ramona Paul, Designee)

Dr. Glen Johnson, Chancellor, State Regents for Higher Education (Ms. Kyle Dahlem, Designee)

# OCTP 2007 Annual Report

### Agency Mission

To develop, implement, and facilitate competency-based teacher preparation, candidate assessment, and professional development systems

### Agency Vision

Student success through quality teaching

### Agency Values and Behaviors

#### **OCTP** values student success.

The work of OCTP's three program areas will be benchmarked against PK-16 student achievement.

# OCTP values the cultivation of learning and critical analysis.

A priority is placed on pertinent and current knowledge of national standards and teacher quality issues.

#### • OCTP values the importance of networking. Working with the Governor's office, the



Legislature, and national and state organizations ensures the implementation of critical education reform in Oklahoma.

#### **OCTP** values the critical nature of working partnerships.

By working with other state agencies that are responsible for PK-16 student learning, there is the potential to have a greater impact on student achievement. A concerted effort is made to advise and to include these agencies in the ongoing planning and work of OCTP.

#### **OCTP values service.**

Interaction with customers is prompt, courteous, and factual.

#### **OCTP** values team building.

Each commissioner and staff member is considered a valuable member and contributor to organizational decisions.

#### OCTP Pledge

To ensure every student in Oklahoma access to competent, caring and qualified teachers



# **Program Accreditation**

The program accreditation area of OCTP oversees all teacher education program accreditation activities. In this capacity, OCTP is responsible for: (a) conducting assessments of teacher education programs, (b) providing training and assistance on accreditation and program standards, and (c) monitoring changes in program quality.

### Unit Accreditation

Every seven years, each teacher preparation program is evaluated for accreditation purposes based on state requirements and the standards of the National Council for Accreditation of Teacher Education (NCATE). At institutions that are affiliated with NCATE, the accreditation process includes both national and state evaluation teams, while trained state educators evaluate those institutions seeking only state accreditation. Because both the state and national teams use NCATE standards for evaluation purposes, even schools that are not affiliated with NCATE are measured against national standards.

The accreditation process ensures that teacher preparation programs are providing teacher candidates with a knowledge-based education that includes multiple performance measures. It also provides a means of assessing the quality of faculty members serving in the teacher education unit, the diverse learning opportunities available to our teacher candidates, and the caliber of students being admitted for teacher candidacy.





Accreditation Decisions 2006-2007 Oklahoma State University Continuing State/NCATE Accreditation

Oral Roberts University Continuing State/NCATE Accreditation

Southwestern Oklahoma State University Continuing State (with conditions)/NCATE Accreditation

### Board of Examiners Training

According to OCTP rules, an accreditation team must review all teacher preparation programs every seven years. These accreditation teams are composed of education professionals who have received Board of Examiner training in the National Council for Accreditation of Teacher Education (NCATE) standards. The Commission plans a formal training in the standards every other year. The next training will be held February 2008 and will be conducted by Dr. Antoinette Mitchell, NCATE Associate Vice President for Accreditation. The training will include representatives from all 22 institutions offering teacher education programs as well as representatives from the State Board of Regents, the Oklahoma Education Association, and the Association of Professional Oklahoma Educators. The group will also include several OCTP Commissioners and members of the Program Accreditation Committee.

# Accreditation Decisions 2006-2007

# Oklahoma State University

Oklahoma State University (OSU) is a public, land grant institution located in Stillwater, a north central Oklahoma community of more than 38,000 located approximately 60 miles from Oklahoma City and Tulsa.

OSU was founded on December 25, 1890, as the Oklahoma Agricultural and Mechanical (A & M) College, just 20 months after the Land Run of 1889. When the first students assembled for class in December 1891, no buildings, books, or curriculum existed. After two and one-half years of classes held in local churches, 144 students moved into the first academic building, known as Old Central, on the southeast corner of campus.

On July 1, 1957, Oklahoma A & M became Oklahoma State University. OSU-Tulsa was later formed from a consortium of universities originally established in 1982. In the 105 years since its inception, OSU has grown into a comprehensive research institution offering degrees at the bachelor's, master's, and doctoral levels.

The Professional Education Unit (PEU) is responsible for managing or coordinating all programs offered for the initial and continuing preparation of teachers and other professional school personnel and involves programs and faculty that span four colleges at OSU: Agricultural Sciences and Natural Resources, Arts and Sciences, Education, and Human Environmental Sciences. Programs leading to certification are offered at the initial and advanced levels.

The site visit was conducted by a joint NCATE/state Board of Examiners (BOE) team.

### Observations made by the BOE team:

- The Professional Education Unit has strong relationships with over 100 partner schools and has established numerous advisory committees to help design, deliver, and evaluate field and clinical experiences. All 24 programs and 31 certification areas meet or exceed requirements for field experiences.
- Multiple sources of data underscored by information from evaluations and interviews indicate that candi dates possess the necessary knowledge, skills, and dispositions to meet national, state, and institutional standards.



- The unit has developed an effective and systematic assessment plan that provides for evaluation of initial and advanced candidate outcomes and proficiencies and also addresses unit operations.
- All faculty in the PEU have documented expertise and experience in the field that they teach and/or supervise and are required to have appropriate terminal or advanced degrees directly related to their area of expertise.

# The BOE Team indicated these areas for improvement:

- Candidates at the initial level have limited opportunities to interact with other candidates from diverse racial and ethnic groups.
- Candidates have limited opportunities to interact with university faculty from diverse backgrounds.

# Oklahoma State University was granted continuing accreditation by OCTP and NCATE.

# Accreditation Decisions 2006-2007

# Oral Roberts University

Oral Roberts University is a comprehensive private sectarian Christian institution. The University was chartered under a Certificate of Incorporation issued by the Secretary of State of the State of Oklahoma on November 9, 1963, and accepted its first students in 1965. Based on the premise that a genuine spiritual, mental, and physical commitment is necessary for happiness and development, Oral Roberts University is dedicated to the whole person concept – seeking a balanced development of the spirit, mind, and body.

The University is located in a suburban section of Tulsa, Oklahoma, on a 263-acre campus. Over 5,300 students are enrolled in 80 undergraduate majors and 28 graduate

programs. The university has developed a diversified academic program, offered through its six schools: Arts and Sciences, Business, Education, LifeLong Education, Nursing, and Theology and Missions.

The School of Education is organized into two major divisions, the Undergraduate School of Education and the Graduate School of Education, with appropriate departments within each division. The unit offers 11 initial degree programs and eight advanced degree programs. The unit utilizes distance learning as a formal educational process at both the initial and advanced levels.

The site visit was conducted by a joint NCATE/state Board of Examiners (BOE) team.

### **Observations made by the BOE Team:**

- Candidate dispositions are embedded throughout programs and are systematically assessed. The unit expects students to focus on student learning and document the impact of their teaching on student learning.
- The unit collaborates with its school partners in the design, implementation, and evaluation of field experience and clinical practice to enable candidates to demonstrate their knowledge, skills, and dispositions.

- The unit has an assessment system that generates multiple data on candidate qualifications and performance as well as unit operations.
- The unit has designed programs of study rich in diversity coursework and assessments in order to build candidate proficiencies. The unit has also taken successful steps to increase faculty diversity.
- The BOE team indicated these areas for improvement:
- There is lack of sufficient data collection to support benchmarks at the advanced level.



Oral Roberts University was granted continuing accreditation by OCTP and NCATE.

# Accreditation Decisions 2006-2007

# Southwestern Oklahoma State University

Southwestern Oklahoma State University (SWOSU) was founded in 1901 by the Oklahoma Territorial Legislature to serve the western and southwestern regions of Oklahoma. The first classes met in 1903. Originally established as Southwestern Normal School, the institution underwent numerous name changes over the years. The institution has evolved into a comprehensive university offering both undergraduate and graduate degrees.

SWOSU is located in Weatherford, Oklahoma, a city of approximately 10,000 located in Custer County approximately 75 miles west of Oklahoma City on Interstate 40. In 1987, Sayre Junior College merged with Southwestern Oklahoma State University, adding a two-year branch campus in western Oklahoma. Sayre is located 54 miles west of Weatherford on Interstate 40.

The Professional Education Unit (PEU) provides teacher candidates with appropriate experiences in teaching, human growth and development, educational psychology, content, methods and materials, and directed observation and field practicum. The Education Administration program is delivered through a distance learning mode. All courses are taught in a traditional classroom, but are broadcast through an I-TV feed to eight other locations in the state. This program is taught predominantly by full-time faculty members.

The site visit was conducted by a joint NCATE/state Board of Examiners (BOE) team.

#### **Observations made by the BOE Team:**

- Candidates and graduates were able to articulate the content, pedagogical, and professional skills they have learned, and evidence gathered onsite indicated that candidates believe they are well prepared.
- Field experience and clinical practice are central to the unit's conceptual framework and are abundantly evident throughout the coursework descriptions.
- At both the initial and advanced levels, the clinical practice experience provided to candidates is a collaborative effort between the candidates, the director of field experiences, the cooperating teachers, and the clinical faculty.
- Candidates are provided with experiences designed to celebrate diversity, interact with diverse candidates and PK-12 students, and accommodate differences in learners.



# Areas for improvement noted by the BOE Team included the following:

- Candidates at the initial and advanced levels have limited opportunities to interact with faculty from ethnically diverse backgrounds.
- Several programs have not yet been granted national recognition; other programs have been submitted but have not as yet achieved state recognition.
- Data are not systematically collected, summarized, or analyzed by the unit or shared to improve program quality of unit operations.

Southwestern Oklahoma State University was granted continuing accreditation with conditions by OCTP and continuing accreditation by NCATE.

# Accreditation Status Report

| Institution                                     | Status   | Next Site Visit            |
|---|--|----------------------------|
| Bacone College (BC)*                            | State Continuing                                     | Spring 2009                |
| Cameron University (CU)                         | NCATE/State Continuing                               | Spring 2008                |
| East Central University (ECU)                   | NCATE/State Continuing                               | Fall 2012                  |
| Langston University (LU)                        | Continuing Pending                                   | Pending                    |
| Mid-America Christian University (MACU)*        | State Continuing                                     | Fall 2012                  |
| Northeastern State University (NSU)             | NCATE/State Continuing                               | Fall 2010                  |
| Northwestern Oklahoma State University (NWOSU)  | NCATE/State Continuing                               | Fall 2011                  |
| Oklahoma Baptist University (OBU)               | NCATE/State Continuing                               | Fall 2008                  |
| Oklahoma Christian University (OC)              | NCATE/State Continuing                               | Spring 2012                |
| Oklahoma City University (OCU)                  | State Continuing                                     | Spring 2011                |
| Oklahoma Panhandle State University (OPSU)      | NCATE/State Continuing                               | Fall 2008                  |
| Oklahoma State University (OSU)                 | NCATE/State Continuing                               | Spring 2012                |
| Oklahoma Wesleyan University (OWU)              | NCATE/State Continuing                               | Spring 2008                |
| Oral Roberts University (ORU)                   | NCATE/State Continuing                               | Spring 2013                |
| Southeastern Oklahoma State University (SOSU)   | NCATE/State Continuing                               | Spring 2009                |
| Southern Nazarene University (SNU)              | NCATE/State Continuing                               | Spring 2009                |
| Southwestern Oklahoma State University (SWOSU)  | NCATE Continuing<br>State Continuing with conditions | Spring 2013<br>Spring 2009 |
| St. Gregory's University (SGU)*                 | State Continuing                                     | Pending                    |
| University of Central Oklahoma (UCO)            | NCATE/State Continuing                               | Spring 2008                |
| University of Oklahoma (OU)                     | NCATE/State Continuing                               | Spring 2011                |
| University of Science & Arts of Oklahoma (USAO) | NCATE/State Continuing                               | Fall 2008                  |
| University of Tulsa (TU)*                       | State Continuing with conditions                     | Spring 2008                |

\* State Accreditation only



# Portfolio Assessment

As part of each teacher candidate's educational experience, a portfolio is developed that emphasizes Oklahoma's 15 General Competencies for Licensure and Certification. Candidate portfolios provide an opportunity for teacher candidates to critically evaluate what teachers need to know to be successful and to consider different types of learners and school environments. The activities and field experiences, which are described and reflected on in a candidate's portfolio, demonstrate the knowledge, skills and dispositions teacher candidates acquire during their teacher preparation.

A team of trained evaluators assesses each institution's portfolios on a rotating basis. The evidence of the 15 General Competencies of this assessment is to determine if the philosophy of the teacher education program is being realized in the students' educational experiences and to ensure that institutions are providing candidates with the necessary knowledge base to be successful teachers.

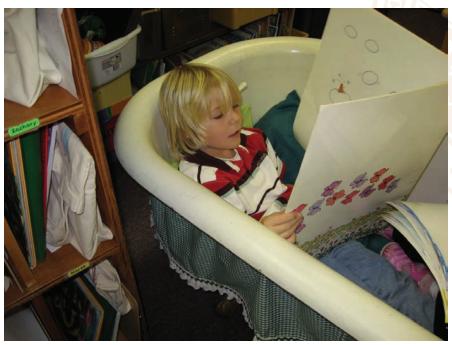
The following institutions participated in Portfolio assessments in 2006 - 2007:

> Langston University University of Central Oklahoma Bacone College

# **Program Review**

Each program area (e.g., math, reading, etc.) within a teacher education unit is required to submit a review as part of the assessment process. Individual programs are evaluated based on the standards of national learned societies and/or state approved standards. For example, the International Reading Association (IRA) has created a set of competencies that should guide all reading programs in Oklahoma. The standards of the IRA were then integrated with the Oklahoma State Competencies and an assessment measure for reading programs was created. For each learned society that is affiliated with NCATE this process has occurred. When a program is not directly affiliated through NCATE (e.g., driver's education), state standards were utilized as the foundation for program review.

Prior to the initiation of this assessment process, only five programs in the State of Oklahoma were nationally recognized. As the assessment process continues, it is our goal for all NCATE-affiliated schools to have multiple programs receive national recognition. Currently, there are well over 300 teacher preparation programs at universities in the state of Oklahoma.





# Program Areas Offered by Institution

#### **Bacone College**

Early Childhood Elementary Education Physical Education/Health/Safety

#### **Cameron University**

Art Early Childhood Education Administration Elementary Education English Foreign Language Mathematics Music Physical Education/Health/Safety Reading Specialist Science Social Studies Special Education Speech/Drama/Debate

#### East Central University

Art Business Early Childhood Education Administration **Elementary Education** English Family and Consumer Science Library Media Specialist Mathematics Music Physical Education/Health/Safety Reading Specialist School Counselor School Psychology School Psychometry Science Social Studies Special Education Speech/Drama/Debate

#### Langston University

Early Childhood Elementary Education English Family and Consumer Science Mathematics Music Physical Education/Health/Safety Science Special Education Technology Education

#### Mid-America Christian University

Elementary Education English Mathematics Music Social Studies

#### Northeastern Oklahoma State University

Art Business Early Childhood Early Childhood (Advanced) Education Administration **Elementary Education** English Foreign Language Library Media Specialist Mathematics Music Physical Education/Health/Safety **Reading Specialist** School Counselor Science Social Studies Special Education Special Education (Advanced) Speech/Drama/Debate Speech-Language Pathology

#### Northwestern Oklahoma State University

Business Early Childhood Elementary Education English Mathematics Music Physical Education/Health/Safety Reading Specialist School Counseling Science Social Studies Special Education Speech/Drama/Debate

#### Oklahoma Baptist University

#### Art Early Childhood

Elementary Education English Foreign Language Mathematics Music Physical Education/Health/Safety Science Social Studies Special Education

#### **Oklahoma Christian University**

Art Early Childhood Elementary Education English Mathematics Music Physical Education Science Social Studies

#### Oklahoma City University

Art Early Childhood Elementary Education English Foreign Language Mathematics Music Science Social Studies Speech/Drama/Debate

#### Oklahoma Panhandle State University

Agriculture Business Elementary Education English Mathematics Music Physical Education/Health/Safety Science Social Studies

#### **Oklahoma State University**

Agriculture Art Early Childhood Education Administration **Elementary Education** English Foreign Language Gifted and Talented Library Media Specialist Mathematics Music Physical Education/Health/Safety **Reading Specialist** School Counselor School Psychology School Psychometry Science Social Studies Special Education Speech & Language Pathology

#### Oklahoma Wesleyan College

**Business Education Elementary Education** English Mathematics Music Physical Education/Health/Safety Science Social Studies Oral Roberts University Art Early Childhood Education Administration Elementary Education English As A Second Language Foreign Language Mathematics Music Physical Education/Health/Safety Science Social Studies Special Education Speech/Drama/Debate

#### Saint Gregory's University

English Mathematics Science Social Studies

#### Southeastern Oklahoma State University Art

Educational Administration Elementary Education Foreign Language Mathematics Music Physical Education/Health/Safety Reading Specialist School Counselor Science Social Studies Special Education

#### Southern Nazarene University

Early Childhood Educational Administration Elementary Education English Foreign Language Mathematics Music Physical Education/Health/Safety Science Social Studies Speech/Drama/Debate

#### Southwestern Oklahoma State University

Art Early Childhood Education Administration Elementary Education English Mathematics Music Physical Education/Health/Safety School Counselor School Psychology School Psychology School Psychometry Science Social Studies Special Education Technology Education

#### University of Central Oklahoma Art

Business Early Childhood Early Childhood (Advanced) Education Administration Elementary Education English English as a Second Language Family and Consumer Sciences Foreign Language Library Media Specialist Mathematics Music Physical Education/Health/Safety **Reading Specialist** School Counselor School Psychology School Psychometry Science Social Studies Special Education Speech/Drama/Debate Speech & Language Pathology

#### University of Oklahoma

Early Childhood Educational Administration Elementary Education English English As A Second Language Foreign Language Library Media Specialist Mathematics Music Reading Specialist School Counselor Science Social Studies Special Education Speech & Language Pathology

#### University of Science and Arts of Oklahoma

Art Business Early Childhood Elementary Education English Mathematics Music Physical Education/Health/Safety Science Social Studies Special Education Speech & Language Pathology

#### University of Tulsa

Art Early Childhood Elementary Education English Math Music Physical Education/Health/Safety Science Social Studies Special Education Speech & Language Pathology

### Professional Development in Accreditation

One of the Commission's key roles is providing professional development in the area of program accreditation for the state's twenty-two teacher preparation programs and other constituent groups. Due to the adoption of a new process for program approval in 2004, the Oklahoma Commission for Teacher Preparation sponsors training on a regular basis to stakeholders from colleges and universities, K-12 teachers and administrators, and education policy-makers. Using legislatively appropriated funds, the Commission provides training from the following national education organizations that set the national standards for teacher preparation:



National Council for Accreditation of Teacher Education American Alliance for Health, Physical Education, Recreation, and Dance American Council on the Teaching of Foreign Languages Association for Childhood Education International Council for Exceptional Children Educational Leadership Constituent Council International Reading Association National Association for the Education of Young Children National Council for the Social Studies National Council of Teachers of English National Council of Teachers of Mathematics National Science Teachers Association Teachers of English to Speakers of Other Languages

Oklahoma was recognized by The National Council for Accreditation of Teacher Education as one of a few states in the country that provides professional development in program approval.

### Certification for Oklahoma Educators

In 1995, the Oklahoma Commission for Teacher Preparation (OCTP) was given the responsibility for the development of a competency-based testing program for teacher candidates. The assessment was designed to examine competency in the following areas: general education, subject area, and professional teaching knowledge. Candidates for initial teacher licensure/certification are required to successfully complete the competency examination composed of the Oklahoma General Education Test (OGET), the Oklahoma Subject Area Test (OSAT), and the Oklahoma Professional Teaching Examination (OPTE). Furthermore, candidates seeking administrator certification are required to pass a competency-based examination with multiple performance assessments.

The Oklahoma certification examination reflects standards and competencies developed and adopted by various state and national groups, organizations, and policy directives: Oklahoma State Board of Education (OSDE), Full Subject Matter Competencies, PASS, National Learned Societies, and the Interstate New Teacher Assessment & Support Consortium (INTASC).

- The Oklahoma General Education Test (OGET) is designed to examine and assess competency in areas associated with general studies and education in liberal arts and sciences. The OGET is distinctive from many other examinations of this type in that critical thinking skills, as well as basic skills, are assessed.
- The Oklahoma Subject Area Tests (OSAT) are designed to assess subject-matter knowledge and skills.
- The Oklahoma Professional Teaching Exam (OPTE) is designed to assess professional knowledge and skills needed by entry-level educators. Candidates are assessed with respect to learners and the learning environment, instruction and assessment, and professional involvement.

OCTP has contracted with Evaluation Systems of Pearson and the Buros Center for Testing to assist in the development, validation, and administration of the assessments included in the Certification Examinations for Oklahoma Educators (CEOE) program. " The Oklahoma Commission for Teacher Preparation is a national leader in the development and administration of an effective educator certification assessment system. The Commission has encouraged the active participation of thousands of Oklahoma educators in the assessment development process to ensure that the certification assessments reflect the knowledge and skills needed by teachers to provide a high quality education to children in Oklahoma public schools. By aligning the educator certification assessment with the knowledge and skills necessary to teach the learning standards for Oklahoma public school students, the Commission has contributed a major component to an education system for Oklahoma that seeks the same goals at all levels. "

> William Phillip Gorth, Ph.D. President, Evaluation Systems of Pearson

Throughout the development and validation process of the three components of the CEOE program, over 7000 Oklahoma educators have contributed their knowledge and expertise. Committees included classroom teachers from each grade level, higher education faculty from teacher education programs, higher education faculty from arts & sciences, vocational education faculty, and school administrators.

As part of maintaining the assessment program, routine review and redevelopment assures that the tests will be kept current and accurate. The review and redevelopment process allows the assessment system to continually measure teacher knowledge and skill levels using the most current and widely accepted standards.

In 2006 the Oklahoma Commission for Teacher Preparation added Cherokee to its Oklahoma Subject Area Tests developed in collaboration with Evaluation Systems of Pearson and with the valuable assistance of educators from the Cherokee Nation. This new exam joins five other World Language certification exams in Oklahoma's teacher certification testing program. A seventh language exam, Mandarin Chinese, will be offered in 2008. Tests that underwent redevelopment for 2006-2007 were: English, US History/OK History/Government/ Economics and World History/Geography.

# Certification Examinations for Oklahoma Educators

September 2006 – August 2007

# Aggregate Pass Rates by Test

The Certification Examinations for Oklahoma Educators consist of fifty-five tests: fifty-two subject area tests, two professional teaching examinations, and one general education test.

Aggregated pass rates for each of the certification examinations are presented in the table below.

| TEST                             | Ν     | % PASS |
|----------------------------------|-------|--------|
| Instrumental/General Music       | 92    | 83.7   |
| Art                              | 124   | 88.7   |
| Vocal/General Music              | 68    | 89.7   |
| Chemistry                        | 78    | 41.0   |
| Early Childhood Education        | 1,239 | 83.8   |
| English                          | 588   | 79.1   |
| Earth Science                    | 90    | 46.7   |
| Family and Consumer Science      | 171   | 55.6   |
| Biological Sciences              | 390   | 49.2   |
| Advanced Mathematics             | 165   | 81.2   |
| Physical Education/Health/Safety | 512   | 77.0   |
| Physical Science                 | 119   | 69.7   |
| Physics                          | 49    | 59.2   |
| Reading Specialist               | 110   | 79.1   |
| Speech/Drama/Debate              | 110   | 61.8   |
| US History/OK History/Econ/Govt  | 560   | 78.2   |
| World History/Geography          | 346   | 70.8   |
| Spanish                          | 120   | 47.5   |
| French                           | 15    | 60.0   |
| German                           | 7     | 57.1   |
| Russian                          | 1     | 100.0  |
| Latin                            | 5     | 60.0   |
| Middle Level English             | 324   | 78.4   |
| Middle Level/Intermediate Math   | 962   | 55.8   |
| Middle Level Science             | 326   | 70.2   |
| Middle Level Social Studies      | 348   | 74.4   |
| Blind/Visual Impairment          | 17    | 88.2   |
| Mild-Moderate Disabilities       | 584   | 78.9   |
| Deaf/Hard of Hearing             | 33    | 66.7   |
| Severe-Profound Disabilities     | 103   | 93.2   |
| Psychology/Sociology             | 203   | 65.5   |
| School Psychologist              | 36    | 100.0  |
| Psychometrist                    | 31    | 93.5   |
| Speech-Language Pathologist      | 2     | 50.0   |
| Driver/Safety Education          | 147   | 80.3   |
| Journalism                       | 106   | 95.3   |

| TEST                                  | Ν     | % PASS |  |  |
|---------------------------------------|-------|--------|--|--|
| Library-Media Specialist              | 123   | 91.9   |  |  |
| School Counselor                      | 249   | 94.8   |  |  |
| Business Education                    | 363   | 87.3   |  |  |
| Marketing Education                   | 41    | 39.0   |  |  |
| Agricultural Education                | 73    | 100.0  |  |  |
| Technology Education                  | 52    | 46.2   |  |  |
| Principal Common Core                 | 507   | 87.2   |  |  |
| Elementary Principal Specialty Test   | 320   | 78.4   |  |  |
| Middle Level Principal Specialty Test | 36    | 66.7   |  |  |
| Secondary Principal Specialty         | 370   | 63.8   |  |  |
| Superintendent                        | 161   | 77.0   |  |  |
| Elementary Education Subtest 1        | 2,172 | 85.1   |  |  |
| Elementary Education Subtest 2        | 2,054 | 91.3   |  |  |
| Dance                                 | 14    | 78.6   |  |  |
| English as a Second Language          | 95    | 75.8   |  |  |
| OPTE: PK-8                            | 1,841 | 93.0   |  |  |
| OPTE: 6-12                            | 1,433 | 94.9   |  |  |
| OGET                                  | 5,239 | 85.6   |  |  |



# Aggregate Pass Rates by Teacher Preparation Institutions

#### Pass rates for each of the three component areas of the Certification Examinations for Oklahoma Educators are presented in the table below.

| INSTITUTION                           | 0   | GET    | <b>O</b> | РТЕ    | 05  | SAT   | TOT   | AL    |
|---------------------------------------|-----|--------|----------|--------|-----|-------|-------|-------|
|                                       | Ν   | % Pass | Ν        | % Pass | N   | %Pass | N     | %Pass |
| Bacone College                        | 9   | 55.6   | 79       | 71.4   | 10  | 70.0  | 26    | 65.4  |
| Cameron University                    | 28  | 96.4   | 67       | 95.5   | 77  | 93.5  | 172   | 94.8  |
| East Central University               | 88  | 93.2   | 112      | 89.3   | 385 | 84.9  | 585   | 87.0  |
| Langston University                   | 28  | 46.4   | 23       | 73.9   | 38  | 73.7  | 89    | 65.2  |
| Mid-America Christian University      | 6   | 50.0   | 5        | 100.0  | 9   | 100.0 | 20    | 85.0  |
| Northeastern State University         | 203 | 83.7   | 436      | 97.0   | 778 | 87.7  | 1,417 | 90.0  |
| Northwestern Oklahoma State Univ.     | 31  | 71.0   | 67       | 94.0   | 165 | 84.2  | 263   | 85.2  |
| Oklahoma Baptist University           | 47  | 95.7   | 64       | 98.4   | 98  | 98.0  | 209   | 97.6  |
| Oklahoma Christian University         | 60  | 96.7   | 22       | 100.0  | 49  | 93.9  | 131   | 96.2  |
| Oklahoma City University              | 27  | 100.0  | 22       | 100.0  | 26  | 100.0 | 75    | 100.0 |
| Oklahoma Panhandle State University   | 21  | 76.2   | 296      | 89.7   | 44  | 65.9  | 94    | 75.5  |
| Oklahoma State University             | 366 | 91.3   | 351      | 97.4   | 568 | 93.3  | 1,285 | 93.9  |
| Oklahoma Wesleyan University          | 10  | 100.0  | 17       | 94.1   | 26  | 76.9  | 53    | 86.8  |
| Oral Roberts University               | 41  | 82.9   | 30       | 90.0   | 74  | 90.5  | 145   | 88.3  |
| Southeastern Oklahoma State Univ.     | 96  | 86.5   | 128      | 94.5   | 353 | 86.1  | 577   | 88.0  |
| Southern Nazarene University          | 27  | 92.6   | 21       | 100.0  | 77  | 79.2  | 125   | 85.6  |
| Southwestern Oklahoma State Univ.     | 120 | 80.8   | 132      | 92.4   | 478 | 80.1  | 730   | 82.5  |
| St. Gregory's University              | 4   | 50.0   | 4        | 100.0  | 8   | 75.0  | 16    | 75.0  |
| Univ. of Science and Arts of Oklahoma | 48  | 93.8   | 44       | 100.0  | 93  | 92.5  | 185   | 94.6  |
| University of Central Oklahoma        | 194 | 91.2   | 201      | 99.0   | 452 | 92.3  | 847   | 93.6  |
| University of Oklahoma                | 209 | 97.6   | 205      | 99.5   | 309 | 93.2  | 723   | 96.3  |
| University of Tulsa                   | 49  | 95.9   | 31       | 100.0  | 54  | 98.1  | 134   | 97.8  |
|                                       |     |        |          |        |     |       |       |       |

# Aggregate <u>OPTE</u> Pass Rates by Verification Status

#### The table below compares the OPTE pass rates of examinees participating in a teacher education program with nonparticipants.

|              | ТОТ   | TAL   | PRO   | GRAM     | NON-PROGRAM |        |  |
|--------------|-------|-------|-------|----------|-------------|--------|--|
| Test         | Ν     | %Pass | Ν     | N % Pass |             | % Pass |  |
| OPTE: PK-8   | 1,841 | 93.0  | 1,304 | 95.9     | 537         | 86.0   |  |
| OPTE: 6-12   | 1,433 | 94.9  | 722   | 96.5     | 711         | 93.2   |  |
| OVERALL OPTE | 3,274 | 93.9  | 2,026 | 96.2     | 1,248       | 90.1   |  |

# Aggregate Pass Rates by <u>OSAT</u> Category and Verification Status

The table below compares the OSAT pass rates of examinees participating in a teacher education program with nonparticipants.

|                                | ТО     | TAL   | PRO   | GRAM   | NON-PROGRAM |        |  |
|--------------------------------|--------|-------|-------|--------|-------------|--------|--|
| Category                       | Ν      | %Pass | N     | % Pass | Ν           | % Pass |  |
| General                        | 12,166 | 78.2  | 3,348 | 89.2   | 8,818       | 74.0   |  |
| Vocational                     | 700    | 75.0  | 55    | 81.8   | 645         | 74.4   |  |
| Advanced                       | 551    | 91.1  | 277   | 93.1   | 274         | 89.1   |  |
| Administrator - Principal      | 1,233  | 77.3  | 520   | 77.7   | 713         | 77.0   |  |
| Administrator – Superintendent | 161    | 77.0  | 17    | 76.5   | 144         | 77.1   |  |
| TOTAL                          | 14,811 | 78.4  | 4,217 | 87.9   | 10,594      | 74.7   |  |

# Aggregate OSAT Pass Rates by Certification

|                                      | То    | ıtal  |     | nitial<br>ification |     | ernative<br>ification |     | ditional<br>tification | Chi | Early<br>ldhood/<br>CDA |    | t-of-State<br>indidate |   | Para-<br>essional |    | her/No<br>sponse |
|--------------------------------------|-------|-------|-----|---------------------|-----|-----------------------|-----|------------------------|-----|-------------------------|----|------------------------|---|-------------------|----|------------------|
| Test                                 | N     | %Pass | N   | %Pass               | Ν   | %Pass                 | N   | %Pass                  | N   | % Pass                  | Ν  | %Pass                  | N | %Pass             | N  | %Pass            |
| Instrumental/<br>General Music       | 92    | 83.7  | 60  | 91.7                | 12  | 100.0                 | 13  | 30.8                   | •   | •                       | 5  | 80.0                   | • | •                 | 2  | 100.0            |
| Art                                  | 124   | 88.7  | 42  | 90.5                | 49  | 85.7                  | 27  | 88.9                   | •   | •                       | 3  | 100.0                  | • | •                 | 3  | 100.0            |
| Vocal/General Music                  | 68    | 89.7  | 30  | 96.7                | 20  | 95.0                  | 14  | 64.3                   | •   | •                       | 2  | 100.0                  | • | •                 | 2  | 100.0            |
| Chemistry                            | 78    | 41.0  | 27  | 37.0                | 24  | 66.7                  | 23  | 21.7                   | •   | •                       | 2  | 50.0                   | • | •                 | 2  | 0.0              |
| Early Childhood Educ.                | 1,239 | 83.8  | 512 | 86.1                | 126 | 77.0                  | 484 | 84.1                   | 32  | 71.9                    | 36 | 91.7                   | • | •                 | 49 | 75.5             |
| English                              | 588   | 79.1  | 155 | 89.0                | 158 | 83.5                  | 251 | 71.3                   | •   | •                       | 11 | 81.8                   | • | •                 | 13 | 53.8             |
| Earth Science                        | 90    | 46.7  | 23  | 60.9                | 22  | 31.8                  | 42  | 50.0                   |     | •                       | 1  | 0.0                    | • | •                 | 2  | 0.0              |
| Family and Consumer<br>Science       | 171   | 55.6  | 35  | 54.3                | 97  | 58.0                  | 37  | 51.4                   | 1   | 0.0                     | 1  | 0.0                    |   | •                 |    | •                |
| Biological Sciences                  | 390   | 49.2  | 95  | 61.1                | 147 | 57.1                  | 134 | 31.3                   | •   | •                       | 3  | 33.3                   | • | •                 | 11 | 63.6             |
| Advanced Mathematics                 | 165   | 81.2  | 70  | 88.6                | 45  | 84.4                  | 45  | 71.1                   | •   | •                       | 2  | 50.0                   | • | •                 | 3  | 33.3             |
| Physical Education/<br>Health/Safety | 512   | 77.0  | 209 | 84.2                | 186 | 72.0                  | 96  | 74.0                   | •   | •                       | 6  | 83.3                   | 1 | 0.0               | 14 | 57.1             |
| Physical Science                     | 119   | 69.7  | 27  | 81.5                | 24  | 79.2                  | 58  | 63.8                   | •   | •                       | 4  | 50.0                   | 1 | 0.0               | 5  | 60.0             |
| Physics                              | 49    | 59.2  | 12  | 83.3                | 6   | 83.3                  | 31  | 45.2                   | •   | •                       | •  | •                      | • | •                 | •  | •                |
| Reading Specialist                   | 110   | 79.1  | 12  | 58.3                | 2   | 100.0                 | 91  | 80.2                   | •   | •                       | 4  | 100.0                  | • | •                 | 1  | 100.0            |
| Speech/Drama/ Debate                 | 110   | 61.8  | 21  | 57.1                | 58  | 56.9                  | 26  | 76.9                   | •   | •                       | •  | •                      | • | •                 | 5  | 60.0             |
| US History/OK<br>History/Econ/Govt   | 560   | 78.2  | 166 | 87.3                | 180 | 77.2                  | 188 | 72.3                   | •   | •                       | 4  | 75.0                   | • | •                 | 22 | 68.2             |
| World History/<br>Geography          | 346   | 70.8  | 119 | 79.0                | 89  | 69.7                  | 126 | 65.9                   | •   | •                       | 2  | 50.0                   | • | •                 | 10 | 50.0             |
| Spanish                              | 120   | 47.5  | 35  | 48.6                | 40  | 62.5                  | 36  | 25.0                   | •   | •                       | 7  | 71.4                   | • | •                 | 2  | 50.0             |
| French                               | 15    | 60.0  | 8   | 62.5                | 4   | 75.0                  | 2   | 50.0                   | •   | •                       | 1  | 0.0                    | • | •                 | •  | •                |
| German                               | 7     | 57.1  | 2   | 50.0                | 4   | 50.0                  | 1   | 100.0                  | •   | •                       | •  | •                      | • | •                 | •  | •                |
| Russian                              | 1     | 100.0 | •   | •                   | 1   | 100.0                 | •   | •                      | •   | •                       | •  | •                      | • | •                 | •  | •                |
| Latin                                | 54    | 60.0  | •   | •                   | 4   | 75.0                  | 1   | 0.0                    | •   | •                       | •  | •                      | • | •                 | •  | •                |
| Middle Level English                 | 324   | 78.4  | 43  | 86.0                | 35  | 68.6                  | 231 | 79.2                   | •   | •                       | 5  | 80.0                   | • | •                 | 10 | 60.0             |
| Middle Level/<br>Intermediate Math   | 962   | 55.8  | 162 | 61.7                | 120 | 57.5                  | 651 | 54.5                   | •   | •                       | 15 | 53.3                   | • | •                 | 14 | 35.7             |
| Middle Level Science                 | 326   | 70.2  | 76  | 71.1                | 78  | 73.1                  | 152 | 67.1                   | •   | •                       | 10 | 80.0                   | • | •                 | 10 | 80.0             |
| Middle Level Social<br>Studies       | 348   | 74.4  | 58  | 77.6                | 148 | 68.9                  | 134 | 79.1                   | 1   | 100.03                  | 3  | 66.7                   | • | •                 | 4  | 75.0             |

The table below reports OSAT pass rates by certification category.\*

#### \*Self -reported

NOTE: '•' = No examinees tested

# Aggregate OSAT Pass Rates by Certification, continued

|  | Тс    | otal  |      | tial<br>ication |      | ernative<br>ification |      | tional<br>ication | Chi | Early<br>Ildhood<br>CDA |     | -of-State<br>ndidate |   | Para-<br>fessional |     | ner/No<br>ponse |
|--|-------|-------|------|-----------------|------|-----------------------|------|-------------------|-----|-------------------------|-----|----------------------|---|--------------------|-----|-----------------|
| Test                                     | Ν     | %Pass | N    | %Pass           | Ν    | %Pass                 | N    | %Pass             | Ν   | % Pass                  | Ν   | %Pass                | N | %Pass              | Ν   | %Pass           |
| Blind/Visual<br>Impairment               | 17    | 88.2  | •    | •               | 1    | 0.0                   | 16   | 93.8              | •   | •                       | ٠   | •                    | • | •                  | •   | •               |
| Mild-Moderate<br>Disabilities            | 584   | 78.9  | 124  | 85.5            | 102  | 68.6                  | 309  | 81.2              | •   | •                       | 21  | 81.0                 |   | •                  | 28  | 60.6            |
| Deaf/Hard of Hearing                     | 33    | 66.7  | 21   | 81.0            | 2    | 50.0                  | 10   | 40.0              | •   | •                       | •   | •                    | • | •                  | •   | •               |
| Severe-Profound<br>Disabilities          | 103   | 93.2  | 23   | 82.6            | 7    | 100.0                 | 67   | 95.5              | •   | •                       | 2   | 100.0                | • | •                  | 4   | 100.0           |
| Psychology/ Sociology                    | 203   | 65.5  | 22   | 68.2            | 152  | 63.2                  | 22   | 86.4              | •   | •                       | •   | •                    | • | •                  | 7   | 42.9            |
| School Psychologist                      | 36    | 100.0 | 4    | 100.0           | 1    | 100.0                 | 30   | 100.0             | •   | •                       | •   | •                    | • | •                  | 1   | 100.0           |
| Psychometrist                            | 31    | 93.5  | 8    | 100.0           | 1    | 100.0                 | 22   | 90.9              | •   | •                       | •   | •                    | • | •                  | •   | •               |
| Speech-Language<br>Pathologist           | 2     | 50.0  | •    | •               | 1    | 0.0                   | 1    | 100.0             | •   | •                       | ٠   | •                    | • | •                  | •   | •               |
| Driver/Safety Education                  | 147   | 80.3  | 27   | 63.0            | 11   | 72.7                  | 107  | 86.0              | •   | •                       | 1   | 100.0                | • | •                  | 1   | 0.0             |
| Journalism                               | 106   | 95.3  | 12   | 100.0           | 86   | 94.2                  | 4    | 100.0             | 1   | 100.0                   | 1   | 100.0                | • | •                  | 2   | 100.0           |
| Library-Media Specialist                 | 123   | 91.9  | 19   | 84.2            | 12   | 100.0                 | 89   | 93.3              | •   | •                       | 2   | 50.0                 | • | •                  | 1   | 100.0           |
| School Counselor                         | 249   | 94.8  | 37   | 91.9            | 83   | 89.2                  | 119  | 99.2              | •   | •                       | 8   | 100.0                | • | •                  | 2   | 100.0           |
| Business Education                       | 363   | 87.3  | 24   | 87.5            | 303  | 87.1                  | 26   | 96.2              | •   | •                       | 1   | 0.0                  | • | •                  | 9   | 77.8            |
| Marketing Education                      | 41    | 39.0  | 4    | 25.0            | 23   | 30.4                  | 14   | 57.1              | •   | •                       | ٠   | •                    | • | •                  | •   | •               |
| Agricultural Education                   | 73    | 100.0 | 22   | 100.0           | 34   | 100.0                 | 9    | 100.0             | •   | •                       | 2   | 100.0                | • | •                  | 6   | 100.0           |
| Technology Education                     | 52    | 46.2  | 5    | 60.0            | 21   | 47.6                  | 24   | 41.7              | •   | •                       | 1   | 100.0                | • | •                  | 1   | 0.0             |
| Principal Common Core                    | 507   | 87.2  | 53   | 83.0            | 16   | 100.0                 | 402  | 86.6              | •   | •                       | 20  | 100.0                | • | •                  | 16  | 87.5            |
| Elementary Principal<br>Specialty Test   | 320   | 78.4  | 31   | 80.6            | 7    | 100.0                 | 258  | 76.7              | •   | •                       | 14  | 100.0                | • | •                  | 10  | 70.0            |
| Middle Level<br>Principal Specialty Test | 36    | 66.7  | 5    | 100.0           | 1    | 100.0                 | 25   | 56.0              | •   | •                       | 4   | 75.0                 | • | •                  | 1   | 100.0           |
| Secondary Principal<br>Specialty Test    | 370   | 63.8  | 29   | 55.2            | 7    | 71.4                  | 324  | 63.6              | •   | ٠                       | 4   | 100.0                | • | •                  | 6   | 83.3            |
| Superintendent                           | 161   | 77.0  | 6    | 66.7            | 2    | 50.0                  | 147  | 77.6              | •   | •                       | 2   | 100.0                | • | •                  | 4   | 75.0            |
| Elementary Ed<br>Subtest 1               | 2172  | 85.1  | 1172 | 86.5            | 213  | 78.9                  | 616  | 84.4              | 2   | 5.0                     | 95  | 93.7                 | • | •                  | 74  | 77.0            |
| Elementary Ed<br>Subtest 2               | 2054  | 91.3  | 1098 | 93.3            | 202  | 87.1                  | 599  | 90.2              | 1   | 0.0                     | 92  | 93.5                 | • | •                  | 62  | 80.6            |
| English as a<br>Second Language          | 95    | 75.8  | 23   | 65.2            | 15   | 66.7                  | 51   | 86.3              | •   | •                       | 3   | 66.7                 | • | •                  | 3   | 33.3            |
| Dance                                    | 14    | 78.6  | •    | •               | 10   | 100.0                 | 3    | 33.3              | •   | •                       | 1   | 0.0                  | • | •                  | •   | •               |
| OVERALL OSAT                             | 14811 | 78.4  | 4768 | 84.5            | 2992 | 75.0                  | 6188 | 75.5              | 38  | 68.4                    | 401 | 87.0                 | 2 | 0.0                | 422 | 70.6            |

The table below reports OSAT pass rates by certification category.\*

### Higher Expectations/Greater Needs

Teacher professional development is essential for improving student learning. Quality teachers are the single greatest determinant of student success. Teacher education, ability, and experience account for more variation in student achievement than all other factors. Knowing the subject matter, understanding how students learn, and practicing effective teaching methods translate into greater student achievement. Therefore, it is extremely important that teachers be well prepared when they begin teaching and that they continue to improve their knowledge and skills throughout their careers.

Accountability measures are requiring more of teachers. Teachers, therefore, need more support to meet the demands of the new system, and they need tools to meet the higher expectations. Standards and accountability systems help identify needed changes. These systems will fail to improve education outcomes for students if teachers, along with their principals and school administrators, do not have the knowledge and skills they need to implement strategies to effect change.

The following tables and graphs summarize the most critical part of the program evaluation: the effect of the program on the learning of K-6 students. For multi-year participants, the student outcome data are summarized on a longitudinal basis, permitting an analysis of the effects of the program over time. As is evident in the following tables and graphs, each PDI demonstrated important effects in student achievement.

### Reading

The Reading Sufficiency Act, funded by the Legislature, provides professional development for elementary teachers and administrators using a scientifically researchbased reading professional develpment model. Student reading achievement is dependent on the knowledge and skills of both the teacher and principal. The scientifically based reading elements of phonemic awareness, phonics, vocabulary, fluency and comprehension are the frameworks for the skills and strategies taught. A key to the Literacy First Process is assessment driven, systematic explicit instruction in each student's developmental level. Literacy First has made a difference for many teachers and schools across Oklahoma and other states.

### Literacy First Oklahoma Summary of Phonological Awareness & Phonics Assessment For the 2006-07 Academic Year

These charts display the percentage of students on grade level in Phonological Awareness and Phonics. These graphs display the aggregated results for schools that have participated in Literacy First for three years. Substantial increases are noted in both areas of reading.

# Literacy First Phase IV Schools for the 2006-07 Academic Year

#### On Grade Level **Received Instruction** Year Begin End Year Grade K 1461 0% 85% Grade 1 1475 68% 73% Grade 2 1230 60% 77% Grade 3 651 59% 78%

#### TABLE 1. Phonics Assessment

### TABLE 2. Phonological Awareness

| On Grade Level |                      |            |          |  |  |  |  |  |  |  |
|----------------|----------------------|------------|----------|--|--|--|--|--|--|--|
|                | Received Instruction | Year Begin | End Year |  |  |  |  |  |  |  |
| Grade K        | 1460                 | 20%        | 89%      |  |  |  |  |  |  |  |
| Grade 1        | 1367                 | 65%        | 89%      |  |  |  |  |  |  |  |
| Grade 2        | 636                  | 76%        | 91%      |  |  |  |  |  |  |  |
| Grade 3        | 215                  | 82%        | 92%      |  |  |  |  |  |  |  |

According to the National Reading Panel (2000), phonological awareness and systematic phonics instruction work together to produce student achievement in reading. Phonological awareness is one of the best predictors of reading success, and systematic phonics instruction contri-butes significantly to children's growth in reading. Students who read on grade level have mastered the majority of the phonological awareness and phonics skills by the end of 2<sup>nd</sup> grade.

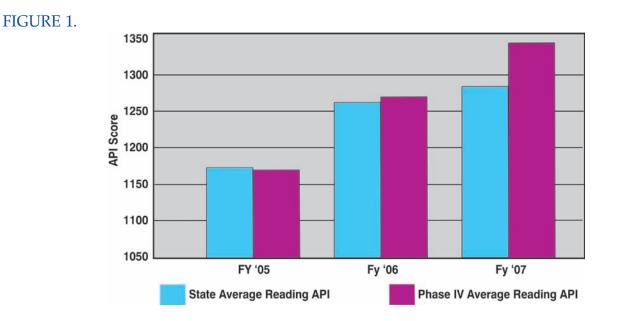
Note: Phase IV schools are schools in Oklahoma who are involved in a comprehensive 3-year reading reform process.

# Literacy First Phase IV Schools for the 2006-07 Academic Year, *continued*

TABLE 3. Phase IV Schools: Reading Academic Performance Indicator (API)

| Reading API Scores Over 3 Years | FY '05 | FY '06 | Fy '07 |
|---------------------------------|--------|--------|--------|
| State Average Reading API       | 1172   | 1263   | 1282   |
| Phase IV Average Reading API    | 1171   | 1270   | 1336   |

Over the course of three years, the Literacy First Phase IV schools have steadily increased their Reading API scores at a yearly average of 85 points, making a total three year gain of 165 points. State scores have increased an average of 55 points each year with a total 110 point gain over the three year period. In 2005 Phase IV schools began with an average API below the State average; however, in two years these schools surpassed the State average by 54 points.



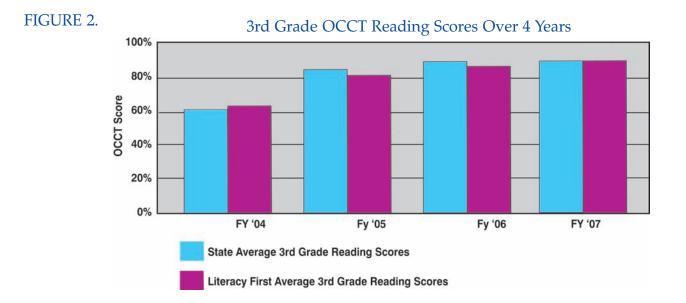
Literacy First Phase IV Schools for the 2006-07 Academic Year, *continued* 

#### TABLE 4. Phase IV Schools: 3rd Grade Reading OCCT Scores

| 3rd Grade OCCT Reading<br>Scores Over 3 Years      | FY '04 | FY '05 | FY '06 | Fy '07 |
|--|--------|--------|--------|--------|
| State Average 3rd Grade<br>Reading Scores          | *62%   | 86%    | 90%    | 90%    |
| Literacy First Average 3rd Grade<br>Reading Scores | *63%   | 82%    | 86%    | 90%    |

\*Note: from 2004 to 2005 the state test changed from a National Norm Reference test to Criteria Reference Test (OCCT)

On 2005, Literacy First Phase IV schools 3rd grade Oklahoma Core Curriculum Test (OCCT) reading scores fell 4 percentage points below the state average. Each year thereafter, the Phase IV schools demonstrated a positive trend, raising their reading scores by 4 percentage points to meet the 2007 state average of 90%. Even though the state scores increased by 4% from 2005 to 2006, there was no increase from 2006 to 2007. *It is important to note that free and reduced lunch rate for all state 3rd graders was 55% while the rate for Literacy First schools was 66%.* 



### Middle Level Math

The Middle Level Math Professional Development Institute (PDI) is designed as a three-year project which provides teachers the opportunity to learn and implement the major mathematical concepts as designated by the National Council of Teachers of Mathematics (NCTM) Standards. *Connected Mathematics* is a curriculum built around mathematical problems that help students and teachers develop an understanding of important concepts and skills. It focuses on the improvement of teaching which includes the methods that teachers use in the classroom as well as content knowledge through the eight units of study. (A 2004 United States Department of Education report indicated that *Connected Math* is one of five curricula that meet USDE standards.)

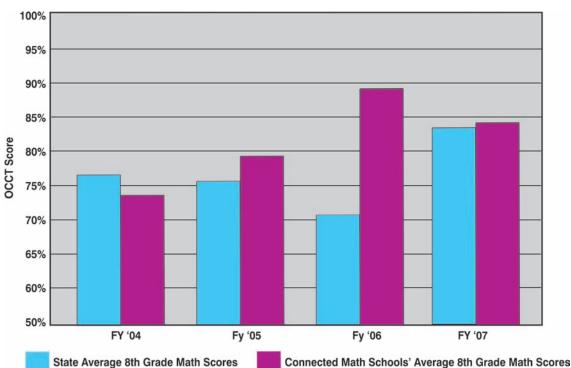
### TABLE 5. Comparison Gains of 8th Grade Mathematics OCCT Scores

| 8th Grade OCCT Math Scores<br>Over 4 Years                | FY '04 | FY '05 | FY '06 | Fy '07 |
|---|--------|--------|--------|--------|
| State Average 8th Grade<br>Math Scores                    | 77%    | 76%    | 71%    | 83%    |
| Connected Math Schools'<br>Avverage 8th Grade Math Scores | 74%    | 79%    | 89%    | 84%    |

Over a four year period, schools participating in their third year of the Connected Mathematics professional development increased their 8th grade student OCCT scores an average of 10 percentage points; the State increased their average by 6 percentage points. Although participating schools showed a decrease from 2006 to 2007, the overall average math score still remained higher than the State average score. This decrease may be the result of a large high performing school district completing the 3 year cycle in 2006.



#### 8th Grade OCCT Math Scores Over 4 Years



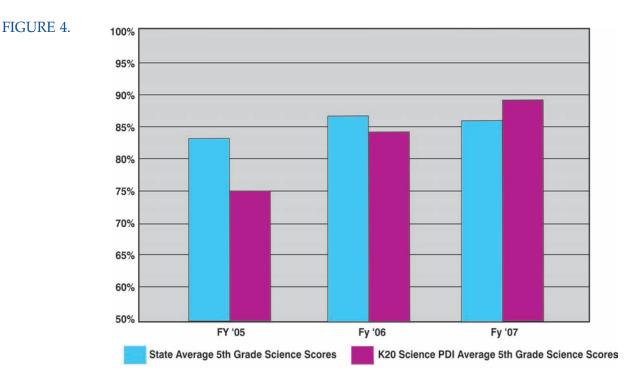
### Inquiry Science

K20 Improving Science Across Oklahoma assists teachers in improving science instruction by providing intensive training in science content and inquiry processes with follow-up coaching and lesson study. Additionally, this program helps teachers improve science learning, as shown by increased student science scores. Approximately six elementary and two middle schools across Oklahoma are annually selected to participate in 10 days of professional development for teachers with training for the administrators. Integration of technology into the teaching of science and inquiry creates new ways for student engagement. Elementary and middle schools receive Full Option Science System (FOSS) science kits and technology, such as a Smart Board and AlphaSmart Danas. Professional development includes how children learn, qualities of good science education, inquiry, kit use, technology integration, and lesson study. Learning teams are established at each participating school. Because the state science tests are administered at only two grade levels, the K20 Center and its participating schools administer standard assessments to students in grades 2-7. Teachers in the K20 project administered student pre-tests associated with the FOSS Science kits. Also included in this report is an analysis of OCCT results from 2005 to 2007.

#### TABLE 6. Comparison Gains of 5th Grade Science OCCT Scores

| 5th Grade Average OCCT<br>Science Scores Over 3 Years | FY '05 | FY '06 | FY '07 |
|---|--------|--------|--------|
| State Average 5th Grade<br>Science Scores             | 83%    | 87%    | 86%    |
| K20 Science PDI Average<br>5th Grade Science Scores   | 75%    | 84%    | 89%    |

In 2005, schools participating in the K20 Science PDI scored an average 8% points below the State OCCT. *However, by 2007 the K20 Science schools had raised their average OCCT science scores by 14 percentage points, 3 percentage points above the State average.* 



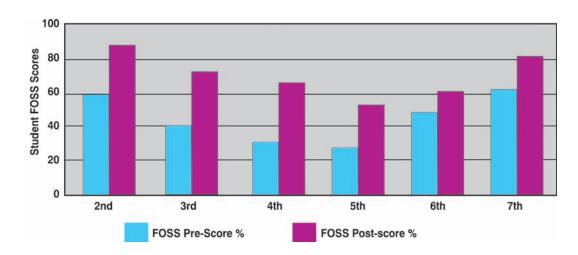
#### Summary of Analysis of Pre and Post Student Assessments for Students Participating in Science PDI

#### TABLE 7. FOSS Student Pre/Post Assessment Scores

FIGURE 5.

| Grade Level | FOSS<br>Pre-score % | FOSS<br>Post-score % | % Gain |
|-------------|---------------------|----------------------|--------|
| 2nd         | 59.09               | 89.18                | 30.09  |
| 3rd         | 39.87               | 72.25                | 32.38  |
| 4th         | 34.50               | 68.40                | 33.90  |
| 5th         | 32.00               | 53.00                | 21.00  |
| 6th         | 50.00               | 61.68                | 11.68  |
| 7th         | 63.00               | 80.69                | 17.69  |

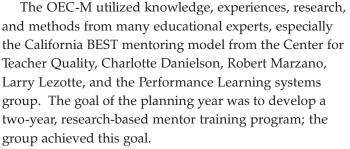
Overall, students whose teachers participated in the K20 Science professional development program increased their FOSS assessment scores an average of 25 percentage points. The greatest gains were made in the 4th, 3rd, and 2nd grades, all achieving 30 percent or more growth in student learning.





### 2006-2007 OCTP Mentoring Program Development

The Oklahoma Education Consortium (OEC) received 2006-2007 funding to develop and pilot an OEC Mentoring program model (OEC-M) to be used statewide with the Oklahoma Residency Teacher program. The OEC has been a collaborative effort involving many educational entities including the Oklahoma Education Association Teaching and Learning Section and Oklahoma State University, who in previous years had provided mentor/ coaching training; the Oklahoma University K20 Center who has provided leadership training for public school administrators; the Cooperative Council for Oklahoma School Administrators (CCOSA), the Oklahoma State Department of Education (OSDE), and the Oklahoma Association for Colleges of Teacher Education (OACTE), representing the deans and directors of teacher education.



The OEC-M program is to be piloted during the 2007-2008 school year with 11 school districts attending training at three different sites. This mentoring and induction program is endorsed by the National Commission on Teaching and America's Future.







# Education Leadership Oklahoma

The Oklahoma Commission for Teacher Preparation's Education Leadership Oklahoma (ELO) was created by the Oklahoma Legislature in 1997 for the express purpose of providing support for teachers who are participating in the National Board Certification process.

National Board Certification is the highest credential in the teaching profession. A teacher-driven, voluntary process established by NBPTS, certification is achieved through a rigorous, performance-based assessment that typically takes one to three years to complete and measures what accomplished teachers should know and be able to do. As part of the process, teachers build a portfolio that includes student work samples, assignments, videotapes and a thorough analysis of their classroom teaching. Additionally, teachers are assessed on their knowledge of the subjects they teach.

Oklahoma ranked sixth nationwide in the number of new National Board Certified Teachers. The state ranked ninth in the total number of teachers who achieved certification over time (1,996). Specifically,

- Oklahoma shows a 56 percent increase in the number of teachers who achieved National Board Certification in 2007 over last year.
- NBCTs make up nearly 5 percent of the state's teaching force
- Fifty-eight percent of the state's NBCTs teach in Title I schools
- The state's top five school districts in terms of the cumulative total of NBCTs are: Tulsa (109),

Norman (95), Edmond (93), Moore (79), and Putnam City (73).



# Education Leadership Goals

- Recruit and attract teachers in under-represented regions and low-performing schools
- Promote benefits of using NBCTs to ensure high quality teaching such as: leaders in schools, districts, or state improvement committees
- Have a National Board Certified Teacher in every school district in Oklahoma
- Secure funding for 500 annual scholarships for National Board Candidates
- Expand the mentoring program for National Board Certified Teachers
- Provide the guidance and support needed by Candidates with specific feedback and in-depth study on standards and how they are incorporated
- Provide leadership training for NBCTs

### National Impact

### Independent studies show students of NBCTs do better on standardized tests than students of non-NBCTs.

- Students of NBCTs score 7 to 15 percentage points higher on year-end tests than students of non-NBCTs. NBCTs were particularly effective with minority students.
- In 48 comparisions (4 grades, 4years of data, 3 measures of academic performance), students of NBCTs surpassed students of non-NBCTs in almost three-quarters of the comparisons. The learning gains were equivalent to spending about an extra month in school.
- More math NBCTs helped their students achieve larger testing gains in 9<sup>th</sup> and 10<sup>th</sup> grades than their non-certified colleagues-demonstrating particular benefits among special needs students and African-American and Hispanic students.
- Students of NBCTs exhibit deeper learning outcomes more frequently than students of non-NBCTs.

NOTE: All NBPTS data are derived from information reported to the National Board by National Board Certified candidates as part of the certification process. Oklahoma National Board Certified Teachers join the ranks of nearly 8,500 teachers nationwide who achieved National Board Certification in 2007, an 8.6 percent increase over the number of teachers who earned certification in 2006. The cumulative total of National Board Certified Teachers stands at 63,821.

### State Impact

### 1,996 - Total Number of Oklahoma National Board Certified Teachers

- 400 Candidates were funded by the Oklahoma Legislature
- 370 First Time Scholarship Candidates completed the process
- **532** First Time Candidates completed the process
- **78** Advanced Scholarship Candidates participated in the retake process
- 183 Advanced Candidates participated in the retake process
- 440 New National Board Certified Teachers
- 12 Recertified National Board Certified Teachers
- **75** of Oklahoma's 77 Counties have either a National Board Certified Teacher (NBCT) or a candidate
- 269 of the School Districts in Oklahoma currently have a NBCT
- The Legislature continues to award a \$5,000 annual stipend to NBCTs who are fulltime classroom teachers in Oklahoma public schools.

### ELO Candidate Support/Technology

#### The following are examples of ways the Commission supports NBCT candidates:

- "Trainer of Trainers" for National Board Candidate Professional Development
- Two day summer orientation programs for new candidates (in conjunction with Southeastern Oklahoma State University)
- Additional professional development on portfolio and assessment in fall and spring, where the candidates are reunited with their trainers
- Eleven regional coordinators who coordinate and facilitate support, mentoring and provide professional development
- Renewal professional development for NBCTs seeking recertification
- Advanced Candidates Workshop for advanced candidates
- Partnerships with Career Technology Centers and Oklahoma Universities



Oklahoma National Board Certified Teachers and Education Leadership Oklahoma Candidates

