Application

Oklahoma School of Science & Math

2014 – 2015

at the

Southern Oklahoma Technology Center

2610 Sam Noble Parkway

Ardmore, OK 73401

(580) 224-8263
Southern Oklahoma Technology Center's campus is located in an area of rural Oklahoma, which boasts of high percentages of academically gifted/talented students who deserve the highest level of educational opportunities available. Many of these students could be eligible for the Oklahoma School of Science and Mathematics two year public residential facility located in Oklahoma City, but for personal reasons elect to remain in their comprehensive high school. Unfortunately, many of these students fail to receive opportunities for rigorous academic achievement. Southern Oklahoma Technology Center's campus is proud of their comprehensive sending high schools. Each school strives to provide opportunities for acquiring academic excellence, but the majority is financially unable to secure equipment, curriculum and personnel necessary to challenge the intelligent minds of these young men and women. Therefore, in an effort to afford our rural gifted/talented students this enhanced educational opportunity of incomparable academic achievement in science and mathematics, the Oklahoma School of Science and Mathematics, Southern Oklahoma Technology Center was established.

BACKGROUND

History/Mission

Senate Bill I created Regional Centers for the Oklahoma School of Science and Mathematics through legislative action during the 1997 session. Senate Bill I generated educational outreach programs for the Oklahoma School of Science and Mathematics by developing regional centers for students gifted/talented in science and mathematics. In addition to Senate Bill I, House Bill 1510 provided funding for additional center(s) during the 1999-2000 school year. Southern Oklahoma Technology Regional Center for the Oklahoma School of Science and Mathematics is governed by the Oklahoma School of Science and Mathematics. Principal authors of Senate Bill I were Senator Ted Fisher and Representatives Abe Deutshendorf, Mike Tyler, Dale Wells and Larry Ferguson who obtained support from Speaker of the House Loyd Benson.
The Southern Oklahoma Technology Center of the Oklahoma School of Science and Mathematics exists for the following purposes:

- To provide added advanced educational opportunities for gifted/talented Oklahoma high school students attending the sending school districts who excel in science and mathematics regardless of their income or cultural diversity
- To provide a complimentary and accelerated program to expand students’ existing and previous local high school courses in math and science
- To allow our rural gifted/talented high school students excelling in science and mathematics the opportunity to maintain their local high school affiliation, participate in extra curricular activities and to live at home while utilizing the new, innovative state-of-the-art facilities and laboratories offered through the Oklahoma School of Science and Mathematics and the Southern Oklahoma Technology Center

**Philosophy**

The Southern Oklahoma Technology Center and the Oklahoma School of Science and Mathematics are dedicated to the acquisition of academic excellence that will not only enhance preceding knowledge, but also develop knowledge for consequent studies. The knowledge provided through the center for the rural gifted/talented students in our local high school sending district will be an effort to help them learn how best to put their talents to work for themselves and for Oklahoma.

**Setting**

The Ardmore Regional Center of the Oklahoma School of Science and Mathematics is housed at the Southern Oklahoma Technology Center in Ardmore, Oklahoma. Classes are held on the Southern Oklahoma Technology Center site.

Classroom settings consist of student lecture classrooms, laboratory facilities, and computer labs.

H.323 distance learning technology learning labs are available on the campus for instruction, parent conferences, video conferencing and tutoring opportunities.

Students attend semester courses in a morning or afternoon session. The morning session runs from 8:15 a.m. to 11:00 a.m. each day. The afternoon session runs from 12:45 p.m. to 3:30 p.m. each day. All classes meet Monday through Friday on the same calendar as the Southern Oklahoma Technology Center.
Transportation

The existing transportation system provided by the Southern Oklahoma Technology Center (SOTC) Campus is available to transport those students attending the Oklahoma School of Science and Mathematics Regional Center in need of transportation to and from an SOTC sending high school. This transportation is provided free of charge to the student.

Cost

There is no tuition for students attending the Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics. Students are charged a registration fee of approximately $25.00 at the beginning of the school year. They are also responsible for any other incidental expenses they may incur. If they choose not to utilize the school’s existing transportation system, they are also responsible for costs associated with travel to and from school.

The Academic Program

Students chosen to attend the Oklahoma School of Science and Mathematics Regional Centers have achieved an outstanding record of scholarship within their local high schools. The faculty of OSSM is committed to provide academic excellence, which will enhance previous knowledge as well as prepare students for future studies. Graduates of OSSM will have experienced a well-defined curriculum based upon high academic principles that demonstrate both academic discipline and honesty.

OSSM Regional Center Requirements

All students shall successfully complete:

- One unit of OSSM AP Calculus, one unit of OSSM AP Physics, one unit of OSSM AP Physics Lab

COURSE DESCRIPTIONS

PHYSICS DEPARTMENT

Physics. The first semester is a general physics class based primarily on trigonometry and algebra. The curriculum includes motion in one dimension, Newton’s laws, work and energy, momentum, rotation of rigid bodies, electricity and magnetism, wave motion, optics, and fluids.
The second semester is a calculus-based physics course typical of what engineering majors would take in their first year of college. The curriculum includes mechanics, thermodynamics and wave motion. The goal is to prepare the students for Section I of the Physics C AP exam. The emphasis will be on problem solving skills and concepts rather than rote memorization of formulas. We intend for the students to get credit for Physics I and start college in Physics II.

General Physics. One semester. This course introduces the students to the basic concepts of physics (e.g. mechanics, electricity and magnetism) and lays the foundation for the upper level physics. Laboratory is included.

Mechanics. One semester. This course presents a thorough calculus-based treatment of various topics in mechanics such as one-and-two-dimensional motion, Newton’s laws, work and energy, impulse and momentum, rotational motion, mechanics of a rigid body, periodic motion and waves. The lectures stress a quantitative approach and regular laboratory sessions introduce the students to experimental procedures. Prerequisites: Beginning knowledge of Calculus and Mechanics or the equivalent.

Electricity and Magnetism. One semester. This course presents a calculus-based coverage of various topics in electricity and magnetism such as Coulomb’s law, electric field, electric potential capacitance, resistance, current, DC circuits, magnetic fields and magnetic forces and inductance. Laboratory is included. Prerequisites: Beginning knowledge of Calculus and Mechanics or the equivalent. A student concurrently enrolled in Mechanics may, with permission of the instructor, take this course.

MATHEMATICS DEPARTMENT

Calculus. Two semesters. The course will provide a multi-representational study of basic calculus concepts using geometric, analytic, numeric and verbal methods. The course will be taught on the collegiate level and it is not the intent of the course to be a preparatory course for college calculus. It is fully intended for students to receive advanced placement credit for Calculus I and Calculus II. Students should begin their college mathematics coursework at Calculus III or an equivalent level.

First Semester:

Section 1. Algebra/Trigonometry Review
Section 2. Functions, Limits and Continuity
Section 3. Introduction to the Derivative and Rates of Change
Section 4. Applications of the Derivative
Section 5. Introduction to the Integral and Area Under a Curve
Section 6. Applications of the Integral and Volumes of Solids of Revolution

Second Semester:

Section 1. Applications of the Derivative and Integral
Section 2. Analytic Geometry
Section 3. Differential Equations, Slope Fields, L’Hôpital’s Rule
Section 4. Vectors
Section 5. Infinite Series

AP Exam. These are the standard courses in differential and integral calculus, preparing students for the Advanced Placement “BC” exam and for entry into a sophomore-level college mathematics course. Prerequisites: Algebra I, Algebra II, Geometry. Trigonometry and Precalculus are preferred, but not required.
ADMISSIONS PROCESS

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Deadline*</td>
<td>Friday, April 4, 2014</td>
</tr>
<tr>
<td>Paper Screening:</td>
<td>Week of April 7, 2014</td>
</tr>
<tr>
<td>Notification of Semifinalist:</td>
<td>Week of April 7, 2014</td>
</tr>
<tr>
<td>Semifinalists interviews:</td>
<td>Week of April 14, 2014</td>
</tr>
<tr>
<td>Notification of Finalists:</td>
<td>Week of April 21, 2014</td>
</tr>
<tr>
<td>OSSM graduation of class of 2014:</td>
<td>Tuesday, May 13, 2014</td>
</tr>
<tr>
<td>Recognition of class of 2015:</td>
<td>Tuesday, May 13, 2014</td>
</tr>
</tbody>
</table>

*Applications received after the April 4, 2014 deadline will be considered on a provisional basis if there is still space in the program after the finalists have been announced for the applications received before the deadline.

Application

Admission to OSSM is a highly competitive process by written application. In addition to the student’s high interest in science and mathematics, the admissions committee examines multiple criteria including standardized test scores, previous grades and course work and academic recommendations. The applications are reviewed by a committee comprising OSSM faculty, the OSSM Regional Coordinator and other professional educators throughout the Southern Oklahoma Technology Center’s district. Student applications are reviewed while protecting the anonymity of the applicants. All references to their names, towns, schools, etc. are deleted from the credential reviewed.

Once the application has been scored, a select number of applicants are classified as semifinalists. Letters are sent to all applicants advising them as to whether they have been selected to participate in the interview portion of the admissions process.

Interview

Applicants will participate in a 20-minute interview with a committee comprised of OSSM faculty, the SOTC OSSM Regional Coordinator and other professional educators. Upon conclusion of the interview, the applicant will be administered an aptitude inventory.

Score Compilation/Selection

Each student’s scores from the initial applicant review process are compiled and analyzed. Students are then selected as Finalists from this total application pool.

Letters are sent to all students advising them of the outcome of the selection process each year. All finalists are requested to sign and return a Letter of Intent advising the Oklahoma School of Science and Mathematics, Southern Oklahoma Technology Center of their decision. A Parent Night Orientation will be held to assist the upcoming class in the educational transition to OSSM.
APPLICATION INSTRUCTIONS

Your application to the Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics consists of several forms. These forms are found at the end of this booklet.

- **Transcript Request Form**

  Complete the information requested and give this form to your principal or guidance counselor. Per the instructions on the form, the official transcript and the form may be placed in a sealed envelope for you to send with your application or, if this procedure is against your school’s policy, the transcript and request form may be sent separately to OSSM.

  **Please note:** Your *transcript* should contain your *grades for the past three (3) semesters* of academic work. If you have attended more than one school in the past two years, request that a transcript also be sent from your former school.

  *An official copy of your high school transcript and your ACT scores should be received by Friday April 4, 2014.*

  *If you are taking the February ACT*, request that your school sends your transcript without these scores. Your school will receive the results of the February ACT in mid March. Request that a copy of these scores be sent to OSSM Ardmore Regional Center as soon as possible after receipt.

  *If you have not yet taken the ACT:*
  a. Request that your school send us copies of any high school standardized tests taken during the last two years.
  b. A letter, signed by your parents, must accompany your application explaining the reason why you were unable to take the ACT.
  c. Register to take the April ACT and bring these scores with you if you are invited for an interview.

- **OSSM Application for Admission**

  There are six sections to the formal application:

  - Section I: Application data
  - Section II: Health condition information
  - Section III: Signatures
  - Section IV: Applicant essays
  - Section V: Parents’ statement
  - Section VI: Recommendations
Section I. Applicant Data. To be completed by student or parent. Type or print legibly in ink and complete all information.

Section II. Health Condition Information. To be completed by parent or student. Specify any handicap or health conditions of which OSSM should be aware (e.g. hearing, vision, diet, allergies.)

The Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics does not discriminate based on race, sex, creed, national origin, age or handicap. The purpose of gathering this information is to ensure that the proper facilities are available to serve all students selected for admission.

Section III. Signatures. To be completed by student and parents. Read each section carefully. Application must be signed by applicant and parent in order for the application to be considered.

Section IV. Applicant Essays. To be completed by student. Record your Social Security Number in the space entitled: Applicant’s Social Security Number.

How you think and express yourself is very important to our evaluation. Please DO NOT USE YOUR NAME, THE NAME OF YOUR SCHOOL OR TOWN in your essays. Your parents or teachers should not help you with your responses. Attach an additional page if needed and please record your Social Security Number on the page.

Section V. Parents’ Statement. To be completed by parent. DO NOT USE YOUR CHILD’S NAME, THE NAME OF YOUR CHILD’S SCHOOL OR TOWN in your comments.

Section VI. Recommendations

- Three Teacher Recommendations:
  English Teacher Recommendation Pages 17 - 19
  Mathematics Teacher Recommendation Pages 20 - 22
  Science Teacher Recommendation Pages 23 - 25

Record applicant’s Social Security Number on each page indicated.
The recommendations are confidential. Please advise the teachers to send completed forms directly to the Oklahoma School of Science and Mathematics, Southern Oklahoma Technology Center in a sealed envelope to the following address:

The Oklahoma School of Science and Mathematics  
Southern Oklahoma Technology Center  
Attention: Dianna Fisher, OSSM Coordinator  
2610 Sam Noble Parkway  
Ardmore, Oklahoma 73401

- **Principal and Counselor Recommendations:**
  - Principal Recommendation  
    Pages 26 – 28
  - Counselor Recommendation  
    Pages 29 - 31
  Record your Social Security Number on each page indicated before giving to your principal and counselor.

**Application Deadline**

All materials should be received by Friday, April 4, 2014  
Application and support materials should be sent to:

The Oklahoma School of Science and Mathematics  
Southern Oklahoma Technology Center  
Attention: Dianna Fisher, OSSM Coordinator  
2610 Sam Noble Parkway  
Ardmore, Oklahoma 73401

If you have any questions regarding the application procedure, please call **580-224-8263**, or write to the address listed above.
Application Checklist

☐ Copy of official transcript requested from high school, with scores for three semesters of academic work.

☐ Copy of ACT scores requested from high school.

If ACT not taken,

☐ Requested that high school submit a copy of all the applicant’s high school standardized tests in addition to the transcript.

☐ Letter, signed by parents, accompanies application explaining reason ACT was not taken. Register to take the ACT.

☐ Sections I through V completed.

☐ Social Security Number recorded on all requested forms.

☐ Social Security Number recorded on any additional pages attached.

☐ Application signed by student and parent(s).

☐ Recommendations requested:

   ____ English teacher
   ____ Mathematics teacher
   ____ Science teacher
   ____ Principal
   ____ Counselor

Application Deadline: Friday, April 4, 2014

Application and support materials should be sent to:

The Oklahoma School of Science and Mathematics
Southern Oklahoma Technology Center
Attention: Dianna Fisher, OSSM Coordinator
2610 Sam Noble Parkway
Ardmore, Oklahoma 73401
APPLICATION MATERIALS

The Oklahoma School of Science and Mathematics

Transcript Request Form

TO THE APPLICANT AND PARENT

Complete the information requested and give this form to your principal or guidance counselor.

Name of applicant: ____________________________________________ Grade: ______

AUTHORIZATION FOR RELEASE OF EDUCATION RECORDS

In accordance with federal regulations regarding the privacy right of parents and students under the Family Educational Right and Privacy Act of 1974, the undersigned hereby consent to the release of all education records about the above-named applicant to the Oklahoma School of Science and Mathematics, including recommendations and such other information as may be requested.

Signature of Parent/Legal Guardian

_____________________________ __________________________

Date Signature of Student

TO THE PRINCIPAL OR GUIDANCE COUNSELOR

Instructions: The student named above has applied for admission to the Oklahoma School of Science and Mathematics. Please place the bottom portion of this page and the official transcript in a sealed envelope for the student to send in with the application. If this procedure is against your school’s policy, the transcript and request form may be sent separately to: The Oklahoma School of Science and Mathematics and Southern Oklahoma Technology Center, Attn: Dianna Fisher, by Friday, April 4, 2014.

1. How many students are in this student’s current grade? ______

2. STANDARDIZED TEST RECORD

   Please provide this information even if provided on the transcript.

   ACT: Test Date ______________

   English_______ Math_______ Reading_______ Science_______ Composite_______

3. If ACT has not been taken, list the name of a Standardized Test administered within the past two years.

   Result from this test should accompany the official transcript.

I certify that the information given above is correct regarding the secondary school records of:

Name of Applicant__________________________________________Date__________________
The student’s official High School Transcript (with grades for at least the past three semesters of academic work) must be included with this form.

**OSSM Application for Admission**

All application materials should be received by Friday, April 4, 2014.

### SECTION I. To be completed by student or parent. (Please print or type)

<table>
<thead>
<tr>
<th>Applicant Name (first, middle, last)</th>
<th>*Sex</th>
<th>Social Security Number</th>
<th>*Birth date &amp; year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mailing Address</td>
<td></td>
<td>Home Phone Number</td>
<td></td>
</tr>
<tr>
<td>City and Zip Code</td>
<td></td>
<td>County</td>
<td></td>
</tr>
<tr>
<td>School Now Attending</td>
<td></td>
<td>Current Grade Level</td>
<td></td>
</tr>
<tr>
<td>School Address</td>
<td></td>
<td>School’s County</td>
<td></td>
</tr>
<tr>
<td>Number of Students in your High School</td>
<td></td>
<td>Number of Students in your Current Grade</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>*Race or Ethnic Group</th>
<th>Nationality</th>
<th>Applicant Lives With</th>
<th>Check, if applicable</th>
</tr>
</thead>
<tbody>
<tr>
<td>__American Indian</td>
<td>US Citizen:</td>
<td>__Both Parents</td>
<td>__Mother deceased</td>
</tr>
<tr>
<td>__Asian</td>
<td>__Yes</td>
<td>__Mother</td>
<td>__Father deceased</td>
</tr>
<tr>
<td>__Black</td>
<td>__No</td>
<td>__Father</td>
<td>__Parents divorced/ separated</td>
</tr>
<tr>
<td>__Hispanic</td>
<td>If No, please explain</td>
<td>__Stepparent</td>
<td>__Other (specify)</td>
</tr>
<tr>
<td>__White</td>
<td></td>
<td>__Stepparent</td>
<td></td>
</tr>
<tr>
<td>__Other (specify)</td>
<td></td>
<td>__Other (specify)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Parent/Guardian Name</th>
<th>Daytime Work Phone Number</th>
</tr>
</thead>
</table>

| Parent/Guardian Address (if different from above) | |

| List names and ages of your brothers and sisters | |

**SECTION II. HEALTH INFORMATION**  To be completed by student and parents

*Does applicant have a handicap or health condition that requires special attention? ___Yes ___No  
If yes, please explain:
*Equal opportunity Information: OSSM does not discriminate based on race, sex, creed, national origin, age or handicap. The purpose of gathering this information is to ascertain the effectiveness of recruitment efforts and to ensure that proper facilities are available to serve all students selected for admission.

**SECTION III. SIGNATURES  To be completed by student and parents.**

The information contained herein is true and accurate. If the applicant is accepted for admission to the Oklahoma School of Science and Mathematics, we agree to adhere to the rules and regulations of OSSM. We also agree to permit the information in this application and in other records used to apply to OSSM to be made available on a confidential basis to the student’s home school, other educational institutions, and for other purposes pursuant to the Family Educational Rights and Privacy Act of 1974, as amended, and applicable regulations.

_______________________________________/_______   ______________________________________/_______
Parent Signature                                    date               Applicant Signature

**Release of Confidential Information**

We, the parents of the applicant, hereby consent to the release of this application to the OSSM review committee. We understand that the review committee is designed to ensure fair representation of students from across Oklahoma. The review committee is comprised of private citizens appointed by OSSM for the specific purpose to review all applications of prospective students so as to recommend students best qualified to attend the school. We understand further that this release to the review committee will not allow any other person not otherwise privileged to review this application to have access to it.

We understand that a decision not to sign this release will not affect consideration by the school of our child’s application. By our signatures below, we indicate that we have read this release, understand it, and agree to the terms contained in it.

_______________________________________/_______   _________________________________/_______
Father’s signature                                    date               Mother’s signature

(Both natural parents are required to sign this release unless parental rights have been terminated by court order or in the event of the death of a parent.)

**Recommendations/Standardized Test Information**

Names of individuals completing your recommendation forms and their schools:

a. English teacher: ___________________________ School: ___________________________

b. Mathematics teacher: ___________________________ School: ___________________________

c. Science teacher: ___________________________ School: ___________________________

d. Principal: ___________________________ School: ___________________________

e. Counselor: ___________________________ School: ___________________________

When did you take the ACT? ______________

(If you still must take the ACT, see page 11 of instructions for information on additional materials/test scores to be submitted.)
SECTION IV. APPLICANT ESSAYS  To be completed by student. (Please print or type in ink.)

1. When you are not attending school, working on school assignments, doing chores at home, or earning money, what do you like to do? Of the things that you do during your spare time, which do you like best and why?

2. What math and science activities, in school and out, have you been involved in during the past two years?
3. Please describe a stressful situation in your life, how you coped with it, and what you learned from the situation.

4. Describe a situation from your experience that required you to make an ethical decision about your behavior.

5. What are your career plans and how will OSSM facilitate your attaining your future professional goals?
Please tell us how you feel about the possibility of your child attending the Oklahoma School of Science and Mathematics. Do not use your child’s name, school, or town in your comments. Identify yourself as “mother” or “father.” Do not sign your name.
SECTION VI. RECOMMENDATIONS (Please print or type in ink)

English Teacher Recommendation

TO THE APPLICANT

Print or type your name and social security number in the space below and give this form to your English teacher. Your teacher may either return this form to you in a sealed envelope to be submitted with your application or, if preferred, mail the completed recommendation directly to us.

All application materials should be received by Friday, April 4, 2014.

Name of Applicant: _______________________________________________
Applicant’s Social Security Number: ________________________________

TO THE TEACHER

This Student is applying for admission to the Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics. In order to consider the students carefully, we ask the professional educators who have worked with them to evaluate their strengths and weaknesses, both as students and as people. Your candid assessment of this student’s potential for success at OSSM is extremely valuable to the admissions process. This information will be held in strict confidence.

This recommendation may be returned to the student in a sealed envelope or it may be mailed directly to:

The Oklahoma School of Science and Mathematics
Southern Oklahoma Technology Center
Attention: Dianna Fisher
2610 Sam Noble Parkway
Ardmore, Oklahoma 73401

All application materials should be received by Friday, April 4, 2014.

Feel free to contact Dianna Fisher, OSSM coordinator at (580) 224-8263 with any questions.

Teacher’s Name (please print):________________________________________________________

Signature: ____________________________________________ Date: _______________________
Position: ______________________________________________
School: ______________________________________________
Address: ______________________________________________
1. Please note which of the following phrases best describes the applicant.

### Overall, how would you compare the applicant to his/her entire class?
- [ ] average or below
- [ ] good
- [ ] excellent
- [ ] outstanding (top 10% this yr.)
- [ ] one of the top few students I have met (top 5% this yr.)

### Work Habits
- [ ] no basis for judgement
- [ ] indifferent, careless
- [ ] needs frequent prodding; usually completes
- [ ] complete but not thorough or organized work
- [ ] well organized; thorough & complete work assignments

### Industry and Initiative
- [ ] no basis for judgement
- [ ] needs constant pressure; vacillates
- [ ] meets basic requirements
- [ ] conscientious but not inspired
- [ ] genuine eagerness to learn; seeks additional challenge

### Relation of Achievement to Ability
- [ ] no basis for judgement
- [ ] achievement far below capacity
- [ ] irregular achievement pattern; has not yet been challenged
- [ ] generally achieves to capacity
- [ ] achievement consistent with capacity

### Class Participation
- [ ] no basis for judgement
- [ ] too easily distracted; non-contributor
- [ ] participates but does not make much of an effort
- [ ] politely attentive; occasionally involved
- [ ] usually constructively involved

### Reading
- [ ] no basis for judgement
- [ ] definitely limited in reading abilities & general knowledge
- [ ] reads only when required; limited general knowledge
- [ ] specialized reader; fairly informed in some areas
- [ ] widely read and well-informed

### Writing Ability
- [ ] no basis for judgement
- [ ] definite weakness in terms of basic skills
- [ ] technically weak; lacking in content
- [ ] adequate skills but lacking in originality
- [ ] good ideas; intelligently presented

### Originality and Imagination
- [ ] no basis for judgement
- [ ] no sign of originality or imagination
- [ ] appreciates original ideas but incapable of generating them
- [ ] imaginative & original in certain areas
- [ ] exceptionally creative; shows independence in ideas & values

### Personal Maturity
- [ ] no basis for judgement
- [ ] immature, unreliable, often in trouble
- [ ] cooperates only when serves personal interest; makes excuses
- [ ] appropriate for age, well mannered, gen.cooperative
- [ ] exceptional; relates to people with genuine concern and interest
Applicant’s Social Security Number: __________________________________________

Associations
___ no basis for judgement
___ friends are unwholesome & troublesome
___ few close friends; a loner
___ friends are wholesome but not outstanding
___ friends are academically inclined; seeks intellectual peers, class leaders

Leadership
___ no basis for judgement
___ negative influence as a leader
___ always a follower
___ capable of leadership but isn’t a leader
___ positive influence; leader; sets tone and takes responsibility

Instructions: PLEASE DO NOT USE APPLICANT’S NAME, THE NAME OF YOUR SCHOOL OR TOWN in your response to the following questions.

2. When you first think of this student, what words come immediately to mind?

3. Please describe the student’s typical classroom performance and preparation (e.g., active/passive participation, timeliness of required assignments, attitude, breadth of knowledge, organizational skills, and leadership qualities).

4. Comment on the student’s motivation, self direction, desire to achieve, love of learning.

5. Please give an overall evaluation of the student’s potential for success at OSSM. Comment on the student’s maturity, adaptability to new situations and other additional information that might prove helpful.
THE OKLAHOMA SCHOOL OF SCIENCE AND MATHEMATICS

Mathematics Teacher Recommendation

TO THE APPLICANT

Print or type your name and social security number in the space below and give this form to your math teacher. Your teacher may either return this form to you in a sealed envelope to be submitted with your application or, if preferred, mail the completed recommendation directly to us.

All application materials should be received by Friday, April 4, 2014.

Name of Applicant: _______________________________________________

Applicant’s Social Security Number: __________________________________

TO THE TEACHER

This Student is applying for admission to the Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics. In order to consider the students carefully, we ask the professional educators who have worked with them to evaluate their strengths and weaknesses, both as students and as people. Your candid assessment of this student’s potential for success at OSSM is extremely valuable to the admissions process. This information will be held in strict confidence.

This recommendation may be returned to the student in a sealed envelope or it may be mailed directly to:

The Oklahoma School of Science and Mathematics
Southern Oklahoma Technology Center
Attention: Dianna Fisher
2610 Sam Noble Parkway
Ardmore, Oklahoma 73401

All application materials should be received by Friday, April 4, 2014.

Feel free to contact Dianna Fisher, OSSM coordinator at (580) 224-8263 with any questions.

Teacher’s Name (please print):______________________________________________

Signature:_________________________________________ Date: ______________________

Position:______________________________________________

School:______________________________________________

Address:______________________________________________
Applicant’s Social Security Number: ________________________________  MATH

1. Please note which of the following phrases best describes the applicant.

Overall, how would you compare the applicant to his/her entire class?

___ average or ___ good ___ excellent ___ outstanding ___ one of the top few students I have met in my career of ___ yrs.

___ below ___ (top 10% this yr.) ___ (top 5% this yr.)

Work Habits

___ no basis for judgement ___ indifferent, careless ___ needs frequent prodding; usually completes ___ complete but not thorough or organized work ___ well organized; thorough & complete work assignments

Industry and Initiative

___ no basis for judgement ___ needs constant pressure; vacillates ___ meets basic requirements but not inspired ___ conscientious but not inspired ___ genuine eagerness to learn; seeks additional challenge

Relation of Achievement to Ability

___ no basis for judgement ___ achievement far below capacity ___ irregular achievement pattern; has not yet been challenged ___ generally achieves to capacity ___ achievement consistent with capacity

Class Participation

___ no basis for judgement ___ too easily distracted; non-contributor ___ participates but does not make much of an effort ___ politely attentive; occasionally involved ___ usually constructively involved

Reading

___ no basis for judgement ___ definitely limited in reading abilities & general knowledge ___ reads only when required; limited general knowledge ___ specialized reader; fairly informed in some areas ___ widely read and well-informed

Writing Ability

___ no basis for judgement ___ definite weakness in terms of basic skills ___ technically weak; lacking in content ___ adequate skills but lacking in originality ___ good ideas; intelligently presented

Originality and Imagination

___ no basis for judgement ___ no sign of originality or imagination ___ appreciates original ideas but incapable of generating them ___ imaginative & original in certain areas ___ exceptionally creative; shows independence in ideas & values

Personal Maturity

___ no basis for judgement ___ immature, unreliable, often in trouble ___ cooperates only when serves personal interest; makes excuses ___ appropriate for age, well mannered, generally cooperative ___ exceptional; relates to people with genuine concern and interest
APPENDIX

2. When you first think of this student, what words come immediately to mind?

3. Please describe the student’s typical classroom performance and preparation (e.g., active/passive participation, timeliness of required assignments, attitude, breadth of knowledge, organizational skills, leadership qualities).

4. Comment on the student’s motivation, self direction, desire to achieve, love of learning.

5. Please give an overall evaluation of the student’s potential for success at OSSM. Comment on the student’s maturity, adaptability to new situations and other additional information that might prove helpful.
THE OKLAHOMA SCHOOL OF SCIENCE AND MATHEMATICS

Science Teacher Recommendation

TO THE APPLICANT

Print or type your name and social security number in the space below and give this form to your science teacher. Your teacher may either return this form to you in a sealed envelope to be submitted with your application or, if preferred, mail the completed recommendation directly to us.

All application materials should be received by Friday, April 4, 2014.

Name of Applicant: _______________________________________________
Applicant’s Social Security Number: ________________________________

TO THE TEACHER

This Student is applying for admission to the Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics. In order to consider the students carefully, we ask the professional educators who have worked with them to evaluate their strengths and weaknesses, both as students and as people. Your candid assessment of this student’s potential for success at OSSM is extremely valuable to the admissions process. This information will be held in strict confidence.

This recommendation may be returned to the student in a sealed envelope or it may be mailed directly to:

The Oklahoma School of Science and Mathematics
Southern Oklahoma Technology Center
Attention: Dianna Fisher
2610 Sam Noble Parkway
Ardmore, Oklahoma 73401

All application materials should be received by Friday, April 4, 2014.

Feel free to contact Dianna Fisher, OSSM coordinator at (580) 224-8263 with any questions.

Teacher’s Name (please print): _____________________________________________
Signature: ___________________________________________ Date: ________________
Position: _____________________________________________
School: ______________________________________________
Address: _______________________________________________
Applicant's Social Security Number: _______________________________  SCIENCE

1. Please note which of the following phrases best describes the applicant.

**Overall, how would you compare the applicant to his/her entire class?**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>average or</td>
<td>good</td>
<td>excellent</td>
<td>outstanding</td>
<td>one of the top few</td>
</tr>
<tr>
<td>below</td>
<td></td>
<td>(top 10% this yr.)</td>
<td>(top 5% this yr.)</td>
<td>students I have met</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>in my career of</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>yrs.</td>
</tr>
</tbody>
</table>

**Work Habits**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>indifferent,</td>
<td>needs frequent</td>
<td>complete but</td>
<td>well organized;</td>
</tr>
<tr>
<td>judgement</td>
<td>careless</td>
<td>prodding; usually</td>
<td>not thorough or</td>
<td>thorough &amp; complete</td>
</tr>
<tr>
<td></td>
<td></td>
<td>completes</td>
<td>organized work</td>
<td>work assignments</td>
</tr>
</tbody>
</table>

**Industry and Initiative**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>needs constant</td>
<td>meets basic</td>
<td>conscientious</td>
<td>genuine eagerness</td>
</tr>
<tr>
<td>judgement</td>
<td>pressure; vacillates</td>
<td>requirements</td>
<td>but not inspired</td>
<td>to learn; seeks</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>additional challenge</td>
</tr>
</tbody>
</table>

**Relation of Achievement to Ability**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>achievement</td>
<td>irregular</td>
<td>generally</td>
<td>achievement</td>
</tr>
<tr>
<td>judgement</td>
<td>far below capacity</td>
<td>achievement pattern; has not yet</td>
<td>achieves to</td>
<td>consistent with</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>capacity</td>
</tr>
</tbody>
</table>

**Class Participation**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>too easily</td>
<td>participates but</td>
<td>politely</td>
<td>usually</td>
</tr>
<tr>
<td>judgement</td>
<td>distracted; non-contributor</td>
<td>does not make</td>
<td>attentive; occasionally</td>
<td>constructively</td>
</tr>
<tr>
<td></td>
<td></td>
<td>much of an effort</td>
<td>involved</td>
<td>involved</td>
</tr>
</tbody>
</table>

**Reading**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>definitely limited in reading</td>
<td>reads only when required; limited general</td>
<td>specialized</td>
<td>widely read and</td>
</tr>
<tr>
<td>judgement</td>
<td>abilities &amp; general knowledge</td>
<td>knowledge</td>
<td>reader; fairly informed in some</td>
<td>well-informed</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>areas</td>
</tr>
</tbody>
</table>

**Writing Ability**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>definite weakness in terms of basic skills</td>
<td>technically weak; lacking in content</td>
<td>adequate skills but lacking in originality</td>
<td>good ideas; intelligently presented</td>
</tr>
<tr>
<td>judgement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Originality and Imagination**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>no sign of originality or imagination</td>
<td>appreciates original ideas but incapable of generating them</td>
<td>imaginative &amp; original in certain areas</td>
<td>exceptionally creative; shows independence in ideas &amp; values</td>
</tr>
<tr>
<td>judgement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Personal Maturity**

<table>
<thead>
<tr>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
<th>___________</th>
</tr>
</thead>
<tbody>
<tr>
<td>no basis for</td>
<td>immature, unreliable, often in trouble</td>
<td>cooperates only when serves personal interest; makes excuses</td>
<td>appropriate for age, well mannered, generally cooperative</td>
<td>exceptional; relates to people with genuine concern and interest</td>
</tr>
<tr>
<td>judgement</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SCIENCE RECOMMENDATION (continued)

Applicant’s Social Security Number: ___________________________________________

**Associations**
- ____no basis for judgement
- ____friends are unwholesome & troublesome
- ____few close friends; a loner
- ____friends are wholesome but not outstanding
- ____friends are academically inclined; seeks intellectual peers, class leaders

**Leadership**
- ____no basis for judgement
- ____negative influence as a leader
- ____always a follower
- ____capable of leadership but isn’t a leader
- ____positive influence; leader; sets tone and takes responsibility

**Instructions:** PLEASE DO NOT USE APPLICANT’S NAME, THE NAME OF YOUR SCHOOL OR TOWN in your response to the following questions.

2. When you first think of this student, what words come immediately to mind?

3. Please describe the student’s typical classroom performance and preparation (e.g., active/passive participation, timeliness of required assignments, attitude, breadth of knowledge, organizational skills, leadership qualities.)

4. Comment on the student’s motivation, self direction, desire to achieve, love of learning.

5. Please give an overall evaluation of the student’s potential for success at OSSM. Comment on the student’s maturity, adaptability to new situations and other additional information that might prove helpful.
THE OKLAHOMA SCHOOL OF SCIENCE AND MATHEMATICS

Principal Recommendation

TO THE APPLICANT

Print or type your name and social security number in the space below and give this form to your principal. Your principal may either return this form to you in a sealed envelope to be submitted with your application or, if preferred, mail the completed recommendation directly to us.

All application materials should be received by Friday, April 4, 2014.

Name of Applicant: ____________________________________________
Applicant’s Social Security Number: __________________________________

TO THE PRINCIPAL

This Student is applying for admission to the Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics. In order to consider the students carefully, we ask the professional educators who have worked with them to evaluate their strengths and weaknesses, both as students and as people. Your candid assessment of this student’s potential for success at OSSM is extremely valuable to the admissions process. This information will be held in strict confidence.

This recommendation may be returned to the student in a sealed envelope or it may be mailed directly to:

The Oklahoma School of Science and Mathematics
Southern Oklahoma Technology Center
Attention: Dianna Fisher
2610 Sam Noble Parkway
Ardmore, Oklahoma 73401

All application materials should be received by Friday, April 4, 2014.

Feel free to contact Dianna Fisher, OSSM coordinator at (580) 224-8263 with any questions.

Principal’s Name (please print):________________________________________________________
Signature: ____________________________________________ Date: ______________________
Position: _____________________________________________
School: _____________________________________________
Address: _____________________________________________
Applicant’s Social Security Number: ____________________________________________

1. Please note which of the following phrases best describes the applicant.

Overall, how would you compare the applicant to his/her entire class?
___average or ___ good ___ excellent ___ outstanding ___ one of the top few
below (top 10% this yr.) (top 5% this yr.) students I have met
in my career of ___ yrs.

Science and Mathematics Interest and Aptitude
___no basis for ___ little interest ___ meets basic ___ generally ___ exceptional
judgement requirements interested but interest; critical &
doesn’t probe questioning attitude

Industry and Initiative
___no basis for ___ needs constant ___ meets basic ___ conscientious ___ genuine eagerness
judgement pressure; vacillates requirements but not inspired to learn: seeks
to additional challenge

Relation of Achievement to Ability
___no basis for ___ achievement ___ irregular ___ generally ___ achievement
judgement far below capacity achievement achieves to consistent with
capacity

Class Participation
___no basis for ___ too easily ___ participates but ___ politely ___ usually
judgement distracted; non- makes much of an effort attentively; constructively
contributor not an effort occasionally involved

Personal Maturity
___no basis for ___ immature, ___ cooperates only when ___ appropriate for ___ exceptional;
judgement unreliable, often in serves personal interest; age, well
trouble makes excuses mannered, generally

Associations
___no basis for ___ friends are ___ few close ___ friends are ___ friends are
judgement unwholesome & friends; a loner wholesome but not academy inclined; seeks
troublesome outstanding intellectual peers, class leaders

Leadership
___no basis for ___ negative ___ always a ___ capable of ___ positive influence;
judgement influence as a follower leadership but isn’t leader; sets tone and
leader leads; takes responsibility

2. Does your school offer honors or accelerated courses or programs? ___ Yes ___ No

If yes, how are students identified for participation in these courses or programs?

Is this student enrolled in honors courses? Which ones?
Principal Recommendation (continued)

Applicant’s Social Security Number:_________________________________

Instructions: PLEASE DO NOT USE APPLICANT’S NAME, THE NAME OF YOUR SCHOOL OR TOWN in your response to the following questions.

3. When you first think of this student, what words come immediately to mind?

4. How long have you known this student and in what capacity?

5. Please give an overall evaluation of the student’s potential for success at OSSM. Comment on the student’s maturity, adaptability to new situations and other additional information that might prove helpful.

6. Is there anything else we should know about this student (e.g., personal circumstances, obstacles that the student has had to overcome in pursuing his or her educational goals)?
TO THE APPLICANT

Print or type your name and social security number in the space below and give this form to your counselor. Your counselor may either return this form to you in a sealed envelope to be submitted with your application or, if preferred, mail the completed recommendation directly to us.

All application materials should be received by Friday, April 4, 2014.

Name of Applicant: _______________________________________________

Applicant’s Social Security Number: __________________________________

TO THE COUNSELOR

This Student is applying for admission to the Southern Oklahoma Technology Center for the Oklahoma School of Science and Mathematics. In order to consider the students carefully, we ask the professional educators who have worked with them to evaluate their strengths and weaknesses, both as students and as people. Your candid assessment of this student’s potential for success at OSSM is extremely valuable to the admissions process. This information will be held in strict confidence.

This recommendation may be returned to the student in a sealed envelope or it may be mailed directly to:

The Oklahoma School of Science and Mathematics
Southern Oklahoma Technology Center
Attention: Dianna Fisher
2610 Sam Noble Parkway
Ardmore, Oklahoma 73401

All application materials should be received by Friday, April 4, 2014.

Feel free to contact Dianna Fisher, OSSM coordinator at (580) 224-8263 with any questions.

Counselor’s Name (please print):________________________________________________________

Signature:___________________________________________ Date: ____________________________

Position:____________________________________________

School:____________________________________________

Address:____________________________________________
### Applicant's Social Security Number: ____________________________________

COUNSELOR

1. Please note which of the following phrases best describes the applicant.

**Overall, how would you compare the applicant to his/her entire class?**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ average or ___ good</td>
<td>___ excellent (top 10% this yr.) ___ outstanding (top 5% this yr.) ___ one of the top few students I have met in my career of ___ yrs.</td>
</tr>
</tbody>
</table>

**Science and Mathematics Interest and Aptitude**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ meets basic requirements</td>
</tr>
<tr>
<td>___ little interest</td>
<td>___ generally interested but doesn't probe</td>
</tr>
</tbody>
</table>

**Industry and Initiative**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ needs constant pressure; vacillates</td>
</tr>
<tr>
<td>___ meets basic requirements</td>
<td>___ conscientious but not inspired</td>
</tr>
</tbody>
</table>

**Relation of Achievement to Ability**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ achievement far below capacity</td>
</tr>
<tr>
<td>___ achievement irregular achievement pattern; has not yet been challenged</td>
<td>___ generally achieves to capacity</td>
</tr>
</tbody>
</table>

**Class Participation**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ too easily distracted; non-contributor</td>
</tr>
<tr>
<td>___ participates but does not make much of an effort</td>
<td>___ politely attentive; occasionally involved</td>
</tr>
</tbody>
</table>

**Personal Maturity**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ immature, unreliable, often in trouble</td>
</tr>
<tr>
<td>___ cooperates only when serves personal interest; makes excuses</td>
<td>___ appropriate for age, well mannered, generally cooperative</td>
</tr>
</tbody>
</table>

**Associations**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ friends are unwholesome &amp; troublesome</td>
</tr>
<tr>
<td>___ few close friends; a loner</td>
<td>___ friends are wholesome but not outstanding</td>
</tr>
</tbody>
</table>

**Leadership**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ negative influence as a leader</td>
</tr>
<tr>
<td>___ always a follower</td>
<td>___ capable of leadership but isn't a leader</td>
</tr>
</tbody>
</table>

**Work Habits**

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ no basis for judgement</td>
<td>___ indifferent, careless</td>
</tr>
<tr>
<td>___ needs frequent prodding; usually completes assignments</td>
<td>___ complete but not thorough or organized work</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>___ well organized; thorough &amp; complete work</td>
<td>___ positive influence; leader; sets tone and takes responsibility</td>
</tr>
</tbody>
</table>
COUNSELOR RECOMMENDATION (continued)

Applicant’s Social Security Number: ________________________________

2. Does your school offer honors or accelerated courses or programs? ___Yes ___No
   If yes, how are students identified for participation in these courses or programs?
   Is this student enrolled in honors courses? Which ones?

Instructions: PLEASE DO NOT USE THE APPLICANT’S NAME, THE NAME OF YOUR SCHOOL OR TOWN in your response to the following questions.

3. When you first think of this student, what words come immediately to mind?

4. How long have you known this student and in what capacity?

5. Please give an overall evaluation of the student’s potential for success at OSSM. Comment on the student’s maturity, adaptability to new situations and other additional information that might prove helpful.

6. Is there anything else we should know about this student (e.g., personal circumstances, obstacles that the student has had to overcome in pursuing his or her educational goals)?
**Oklahoma School of Science and Mathematics**  
*Ardmore Regional Center*  
Southern Oklahoma Technology Center  
2610 Sam Noble Parkway  
Ardmore, OK 73401

<table>
<thead>
<tr>
<th>Event</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Deadline*</td>
<td>Friday, April 4, 2014</td>
</tr>
<tr>
<td>Paper Screening</td>
<td>Week of April 7, 2014</td>
</tr>
<tr>
<td>Notification of Semifinalists</td>
<td>Week of April 7, 2014</td>
</tr>
<tr>
<td>Semifinalists Interviews</td>
<td>Week of April 14, 2014</td>
</tr>
<tr>
<td>Notification of Finalists</td>
<td>Week of April 21, 2014</td>
</tr>
<tr>
<td>Graduation of Class of 2014</td>
<td>Tuesday, May 13, 2014</td>
</tr>
<tr>
<td>Recognition of Class of 2015</td>
<td>Tuesday, May 13, 2014</td>
</tr>
</tbody>
</table>

* Applications received after the April 4, 2014 deadline will be considered on a provisional basis if there is still space in the program after the finalists have been announced for the applications received before the deadline.