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February 6<sup>th</sup>, 2012

Dear Student:

The faculty and steering committee of the Alva / Fairview Regional Center for the Oklahoma School of Science and Mathematics are pleased that you are considering making application for the 2012 – 2013 school year.

The Alva / Fairview Regional Center is designed to provide a rigorous one year program of academic instruction for students talented in science and mathematics. The classes are held on the Northwest Technology Center campus in two well-equipped classroom / lab areas with computer and experimentation stations. Students attend the Alva / Fairview Regional Center on a half-day schedule while remaining in their local high school for some academics, electives and extra-curricular activities.

Please review this application booklet carefully. It is designed to supply you with the basic information about our application process, a brief overview of our history and educational philosophy, and course descriptions. The actual application materials are located at the end of the booklet.

All application materials must be received by Wednesday, March 28th, 2012. The admission committee will review all data and select the semifinalists. Applicants will be notified by the first week of April whether or not they have been selected as semifinalists. These students will be invited to Northwest Tech for personal interviews in mid-April. The finalists will receive written notification from the Selection Committee by the second week of May.

We look forward to receiving your application. If you have questions or concerns, please do not hesitate to call Northwest Technology Center.

Sincerely,

Edna Manning

President

Oklahoma School of Science and Mathematics

# **Alva / Fairview Regional Center for the Oklahoma School of Science and Mathematics**

## **History / Mission**

The Alva / Fairview Regional Center for the Oklahoma School of Science and Mathematics at Northwest Technology Center was created through legislative action by Senate Bill 1212 during the 2008 session. Senate Bill 1212 provides for an educational outreach program for the Oklahoma School of Science and Mathematics by developing regional sites for rural students who are gifted in science and mathematics. The program will be governed by the Oklahoma School of Science and Mathematics.

The Alva / Fairview Regional Center for the Oklahoma School of Science and Mathematics at Northwest Technology Center shall be for the following purposes:

- provide advanced educational opportunities for high school students gifted in math and science who attend the Northwest Technology Center sending schools.
- allow participating students to maintain their local high school affiliation and extra-curricular participation while living at home.
- utilize the existing Northwest Technology Center transportation system and facilities.

## **Philosophy**

The goal is to provide a one-year program of added educational opportunities and challenges for gifted students regardless of their income or cultural diversity. The curriculum is designed to provide a complimentary and accelerated program to expand students' current and previous local high school courses in math and science. Advanced studies will be targeted to encourage individual differences, competencies, and expectations. In addition to the coursework at the Alva / Fairview Regional Center of Science and Mathematics, the student will be able to maintain the local high school affiliation and extra-curricular participation. A cooperative effort of the local high school, Northwest Technology Center, and OSSM makes this program possible. Students will need the support of family, their local high school, and the Alva / Fairview Regional Center of Science and Mathematics to promote good study and work habits to assure success and course completion.

## **Cost**

There is no tuition cost for students to attend the Alva / Fairview Regional Center for the Oklahoma School of Science and Mathematics. Students are responsible for costs associated with school supplies and incidental expenses related to their course work. Transportation to and from the local high school will be provided by Northwest for in-district students only. Students selected from outside the Northwest Technology Center sending district are responsible for making their own transportation arrangements with their home sending school.

## **Program Management**

The Alva / Fairview Regional Center at Alva for the Oklahoma School of Science and Mathematics is managed by a system established in Senate Bill 1212(2008). An advisory council will assist the Oklahoma School of Science and Mathematics in governing the program. The advisory Council is responsible for:

- establishing eligibility criteria for student participation
- finalizing approval of curriculum and academic standards
- assisting in the determination of advanced science and math courses
- assisting in the recruitment and hiring of faculty

Advisory Council membership shall consist of the following representatives:

1. A superintendent of a participating local school district or designee within the NWTC district
2. The Superintendent of NWTC or designee; and
3. The Outreach Coordinator for the Oklahoma School of Science and Mathematics or designee.

## **The Academic Program**

Students selected to attend the Alva / Fairview Regional Center for the Oklahoma School of Science and Mathematics at Alva have achieved an outstanding record of scholarship within their local high schools. The faculty and the Advisory Committee are committed to academic excellence which will enhance previous knowledge as well as prepare students for future studies. Students completing courses at the Alva / Fairview Regional Center will have experienced an accelerated curriculum, based upon high academic principles that demonstrate both academic discipline and academic integrity.

All students attending the Alva / Fairview Regional Center will participate in a one- year scholastic program of excellence with students who share similar interests. It is the nurturing of this educational community, while maintaining the local high school affiliation that is paramount to the Alva / Fairview Regional Center's success.

## **Curriculum**

- OSSM Alva site will have one professor for both physics and calculus.
- OSSM Fairview site will have a professor for physics and a professor for calculus.
- Students are required to take the assigned calculus and assigned physics course each semester.
- All courses are on a semester basis at the collegiate level requiring rigorous academics and a minimum of one hour homework per evening.
- Courses will be: Calculus I, General Physics, AP Calculus BC, AP Physics C - Mechanics

## **Minimum Academic Requirements**

Students will be expected to maintain an overall B average for coursework at the Alva / Fairview Regional Center. If a student's grade falls below a C average, the parents will be notified at that time by a progress report indicating areas of deficiency and improvements needed. Failure to improve academically may result in a meeting with the OSSM administration and NWTC administration for the purpose of determining the student's continuation in the program. The OSSM instructor, in conjunction with the NWTC administration, will coordinate communications with the local high school representative and parents or guardians to support the academic improvement of the student. Students who do not meet the Alva / Fairview Regional Center's educational and/or behavioral expectations may be asked to return to their home school.

## **Attendance Policy**

One of the most attractive things about the Alva / Fairview Regional Center is that it allows students to continue participating in extra-curricular activities at their home schools. However, frequent absences can be detrimental to academic performance. To try and minimize the effect of extra-curricular activities on the student's performance, these guidelines have been established.

1. Activity absences should be limited to no more than one in any week and no more than five per semester. If the student misses more than one day in a week, the student will be asked to schedule additional time with the instructor.
2. The student is responsible for obtaining all material covered during an absence. Assignments due on the day of absence must be turned in early or on the day the student returns to class. Please try to avoid missing lab days because they are very hard to reschedule.
3. The student must notify his/her professors at least one day prior to the activity. If the student does not, the absence will not be excused. This time is needed so the instructors can prepare their class schedules and let the student know what he/she will miss while absent.
4. The student will follow the NWTC attendance policy concerning absences due to illness and family emergency. Please consult the NWTC student handbook for the complete details of this policy.

## **Application**

Admission to the Alva / Fairview Regional Center of the Oklahoma School of Science and Mathematics is a highly competitive process initiated by written application. An admissions committee will review all data and select the semifinalists. Members of this committee are the OSSM Alva / Fairview Regional Center instructor and the Outreach Coordinator of OSSM or designee.

Student applications are reviewed while protecting the anonymity of the applicants. Once the applications have been reviewed, a select number of applicants are classified as semifinalists. Letters are sent to all applicants advising them whether or not they have been selected to participate in the interview portion of the admissions process.

## **Interview**

A selection committee made up of individuals from each in-district sending school will be responsible for the interview process and selecting the finalists. Individuals selected to interview will appear before the committee for approximately twenty to thirty minutes. Applicants will also be given a scholastic aptitude test. Students need a scientific calculator for this segment. Letters will be sent to all students advising them of the outcome of the selection process within two weeks of the final selection. Students are assessed for:

- Scientific interest and aptitude
- Motivation
- Self- discipline
- Personal maturity
- Overall potential as an OSSM Alva / Fairview Regional Center student.

## **Who Can Apply**

Since this is a one-year program, preference will be given to Seniors (2012-2013), but Juniors may also apply. Preference will also be given to students from the following sending schools in the NWTC District: ***Alva, Aline-Cleo, Canton, Cherokee, Fairview, Freedom, Ringwood, and Waynoka***. Residents of these school districts provide the tax base for the NWTC district. Other students that attend high schools such as Burlington, Medford, Okeene, Seiling, Timberlake, Taloga, and Wakita and reside within a reasonable transportation distance from NWTC may also apply.

# **Admissions Process**

## **2012 – 2013 School Year**

Applications Deadline:	Wednesday, March 28th
Notification of semifinalists:	by first week of April
Semifinalist Interviews:	mid April
Notification of Finalists:	second week of May

### **Application Availability**

To receive a printed application, either visit Northwest Technology Center in person or contact your school counselor. Applications are also available for download in electronic format at [www.nwtech.edu/oss](http://www.nwtech.edu/oss). To receive one via US Mail, contact Elaine Hutchison by e-mail at [ehutchison@nwtech.edu](mailto:ehutchison@nwtech.edu) or John Sellars by email at [jsellars@nwtech.edu](mailto:jsellars@nwtech.edu). Either professor may be reached by calling Northwest Technology Center at (580)227-3708.

**Application for Admission**  
**Oklahoma School of Science and Mathematics**  
**Alva / Fairview Regional Center**  
**(Northwest Technology Center)**

**Identifying Data**

Last Name: \_\_\_\_\_ First Name: \_\_\_\_\_

SSN or ID#: \_\_\_\_\_

Mailing Address: \_\_\_\_\_ Home Phone: (    ) \_\_\_\_\_

City and ZIP Code: \_\_\_\_\_ County: \_\_\_\_\_

High School Attending: \_\_\_\_\_

Current Year of School:                      Freshman                      Sophomore                      Junior

School Address: \_\_\_\_\_ Preferred Class Time: AM    PM

# of Students in Your School: \_\_\_\_\_ # of Students in Your Grade: \_\_\_\_\_

Parent / Guardian Name: \_\_\_\_\_ Daytime Work Phone: (    ) \_\_\_\_\_

Parent / Guardian Address (if different from above): \_\_\_\_\_

Please attach a page with a one paragraph response to the following prompts:

- 1) Why should you be chosen for the OSSM Alva / Fairview Regional Center?.
- 2) What are some goals that you have set for yourself in terms of a future career or college plans?
- 3) Why do you want to attend the OSSM Regional Center?

## Confidentiality Requirements

The information contained herein is true and accurate. If the applicant is accepted for admission to the Alva / Fairview Regional Center for Oklahoma School of Science and Mathematics, we agree to adhere to the rules and regulations of OSSM and Northwest Technology Center. 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 parent school, other educational institutions, and for other purposes pursuant to the Family Educational Rights and Privacy Act of 1974, as amended, and applicable regulations.

### 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 the NW Tech district. The review committee is comprised of individuals appointed by sending school districts for the specific purpose to review all applications of prospective students so as to recommend those 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.

### **Authorization for Release of Education Records**

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

### **Parent Release / Approval**

I do hereby grant permission for my son/daughter to be examined and treated by medical personnel in an emergency situation.

\_\_\_\_\_  
Signature of Parent / Legal Guardian

\_\_\_\_\_  
Signature of Student

\_\_\_\_\_  
Date

**If you DO NOT want your student's information, including photographs and news releases to be published, please send written notice.**



## Application Checklist

- Copy of official transcript requested from high school.
- Copy of ACT scores requested from high school.
- Application signed by student and parent(s).
- Recommendations requested:
  - Mathematics teacher
  - Science teacher
  - Principal or Counselor
- Recommendations from teachers, counselor and principal
- Copy of Spring '12 class schedule
- Copy of Fall '12 class schedule (or anticipated coursework)

## Application Deadline Wednesday, March 28th, 2012

Completed application and support materials should be returned to local high school counselor prior to the due date to ensure application is mailed by March 28<sup>th</sup>. You may also submit your application directly to an OSSM Regional Center professor, but it must include everything on the checklist.

## Principal or Counselor Recommendation

Student Name: \_\_\_\_\_

This student is applying for admission to the Alva/Fairview Regional Center for Oklahoma School of Science and Mathematics. In order to consider the student carefully, we ask the professional educators who have worked with him/her to evaluate his/her strengths and weaknesses, both as a student and as a person. Your candid assessment of this student's potential for success at OSSM is extremely valuable to the admissions process. This recommendation should be returned to the high school counselor by Wednesday, March 28<sup>th</sup>, 2012. Call Elaine Hutchison or John Sellars at (580)227-3708 with any questions. Thank you for your assistance.

To the best of your ability, please check all that apply.

- |   |  |  |
|---|--|--|
| <input type="checkbox"/> Foster home        | <input type="checkbox"/> Single parent family        | <input type="checkbox"/> IEP                         |
| <input type="checkbox"/> Poor self-image    | <input type="checkbox"/> Learning deficit/disability | <input type="checkbox"/> Lack of cultural enrichment |
| <input type="checkbox"/> Poor social skills | <input type="checkbox"/> Poor communication skills   |  |

Please specify learning deficits or disabilities: \_\_\_\_\_

Based on your knowledge, check below how you rate the applicant in each area:

	Outstanding	Above Average	Average	Needs Improvement	No Basis for Judgment
Academic Achievement					
Relation of Achievement to Ability					
Math Skills					
Reading Skills					
Science Skills					
Class Participation					
Work Habits					
Cooperates with School Staff					
Cultural Awareness					
Attendance/ Punctuality Record					
Relates well with peers					
Motivated to succeed academically					
Personal Responsibility					
Attitude and Appropriate Behavior					

Additional Comments: \_\_\_\_\_

Length of time you have known this student: \_\_\_\_\_

Guidance Counselor /Principal Signature: \_\_\_\_\_ Date: \_\_\_\_\_

- Student: Please read and sign the following statement before giving this form to your counselor / principal. Your principal will return the form to your school counselor for inclusion in your application packet.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

# Science Teacher Recommendation

Student Name: \_\_\_\_\_

This student is applying for admission to the Alva / Fairview Regional Center for Oklahoma School of Science and Mathematics. In order to consider the student carefully, we ask the professional educators who have worked with him/her to evaluate his/her strengths and weaknesses, both as a student and as a person. Your candid assessment of this student’s potential for success at OSSM is extremely valuable to the admissions process.

This recommendation should be returned to the high school counselor by Wednesday, March 28th, 2012. Call Elaine Hutchison or John Sellars at (580)227-3708 with any questions. Thank you for your assistance.

Based on your knowledge, check below how you rate the applicant in each area:

	Outstanding	Above Average	Average	Needs Improvement	No Basis for Judgment
Expresses interest in Academic endeavors					
Academic Achievement					
Relation of Achievement to Ability					
Writing Skills					
Reading Skills					
Is dependable and reliable					
Class Participation					
Work Habits					
Cooperates with School Staff					
Attendance/ Punctuality Record					
Relates well with peers					
Motivated to succeed academically					
Personal Responsibility					
Attitude and Appropriate Behavior					
Will be successful in college endeavors					

Additional Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Length of time you have known this student: \_\_\_\_\_

Teacher’s Signature: \_\_\_\_\_ Date: \_\_\_\_\_

- Student: Please read and sign the following statement before giving this form to your teacher. Your teacher will return the form to your school counselor for inclusion in your application packet.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_

## Math Teacher Recommendation

Student Name: \_\_\_\_\_

This student is applying for admission to the Alva / Fairview Regional Center for Oklahoma School of Science and Mathematics. In order to consider the student carefully, we ask the professional educators who have worked with him/her to evaluate his/her strengths and weaknesses, both as a student and as a person. Your candid assessment of this student's potential for success at OSSM is extremely valuable to the admissions process.

This recommendation should be returned to the high school counselor by Friday, March 16<sup>th</sup>, 2012. Call Wes Reddish at (580) 327-0366 ext 2070 with any questions. Thank you for your assistance.

Based on your knowledge, check below how you rate the applicant in each area:

	Outstanding	Above Average	Average	Needs Improvement	No Basis for Judgment
Expresses interest in Academic endeavors					
Academic Achievement					
Relation of Achievement to Ability					
Reading Skills					
Writing Skills					
Is dependable and reliable					
Class Participation					
Work Habits					
Cooperates with School Staff					
Attendance/ Punctuality Record					
Relates well with peers					
Motivated to succeed academically					
Personal Responsibility					
Attitude and Appropriate Behavior					
Will be successful in college endeavors					

Additional Comments: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Length of time you have known this student: \_\_\_\_\_

Teacher's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

- Student: Please read and sign the following statement before giving this form to your teacher. Your teacher will return the form to your school counselor for inclusion in your application packet.

Student Signature: \_\_\_\_\_ Date: \_\_\_\_\_