

Fred & Sara Machetanz Elementary
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Wasilla, AK 99645

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Jennifer Dowd
Principal

Victoria Killian
Administrative Secretary

Terry Murray
Registrar/Secretary !

Stem Program Application Packet 2014-2015

Dear Families,

Thank you for your interest in the STEM (Science, Technology, Engineering, and Math) program available at Machetanz Elementary next school year. In this packet, you will find the forms you will need to submit in order to be considered for the program.

Admission to the program will be decided by the STEM Team. Admission will be based on parent and teacher recommendations, test scores, individual learning styles and needs, and lottery to create heterogeneous classrooms. All students with a complete application submitted by April 30, 2014 will be considered for the program. Current Machetanz students will be given priority in placement and a percentage of students will be selected from boundary exemptions.

Families interested in applying for the Machetanz Elementary STEM Program must complete and submit the attached application by April 30, 2014. Families with multiple children must provide a separate application for each child who wishes to be considered.

If you have any questions about the STEM Program, or the application process, please contact Mrs. Dowd at (907) 864-2300.

STEM Application Checklist

Only complete applications will be reviewed for admission.

Applications must be received by April 30, 2014.

_____ Student Application Forms (2 pages completed by parent)

_____ Student Learning Style Inventory (completed by parent)

_____ Teacher Recommendation Form (recommended, but not required)

_____ Current Attendance Report (available in your school's front office)

_____ Boundary Exemption Form (if required)

Application Received By: _____ Date: _____

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-Musk Ox Motto

MACHETANZ ELEMENTARY STEM PROGRAM

Student Application Form

(To be completed by parents. Due by **April 30, 2014.**)

Name: _____ Student ID Number _____
Last First Middle

Current Grade: _____ Current School: _____

Birth Date: ____/____/____ Age: _____ Gender: _____

Parent/Guardian Names: _____

Physical Address: _____

City State Zip Code

Mailing Address: _____

City State Zip Code

Home Phone: _____

Parent Work Phone: _____

Parent Cell Phone: _____

Email Address: _____

____ My child is zoned for Machetanz Elementary School.

____ My child currently attends Machetanz Elementary on an approved boundary exemption.

____ I will be requesting a boundary exemption for my student to be considered for Machetanz Elementary STEM Program.

____ Yes ____ No If I cannot be included in the STEM program at this time, I am still interested in having my child attend Machetanz Elementary School on a boundary exemption.

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STEM APPLICATION

This page to be completed by parents.

Student _____ Date _____

***Please provide the most recent scores on assessments listed below that are applicable to your child's grade level.**

New kindergarten students may disregard this section.

(You can find this information on your child's assessment reports or from your child's teacher.)

Assessment Date	AIMS grades K-5	MAP grades 2-5 (some 2 nd grade NA)	SBA grades 3-5 (3 rd grade scores NA)
	NWF (K-1)	Math	Math
	RCBM (1-5)	Reading	Reading
	MAZE (4-5)	Language Usage	Writing

***Please mark the appropriate statement for your child:**

_____ My child does not have an IEP.

_____ My child does have an IEP in the following area(s):

Reading Writing Math Speech Behavior Other

Parents of children in the STEM program will be asked to volunteer in the program to help make it a robust and exciting learning environment. Please indicate how you will plan on volunteering.

***Given the nature of the STEM program, permission for your child to have access to the internet and be published in other public media formats (which may involve your child's first and last name, image, and streaming live video) is required. I grant my child access to the internet and give permission for my child's name and image to be published in any of the above formats.**

Parent Signature _____ Date _____

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Explanation of Interest in STEM Program

Machetanz Elementary School

Please explain why you believe that your child would benefit from being included in the Machetanz Elementary School STEM program?

What indicators has your child exhibited that demonstrates that (s)he will be more successful in a program that focuses on hands-on problem solving, investigation and place-based learning/careers?

Are there any other factors that the STEM selection committee should be aware of when considering your child's application to the STEM program?

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Learning Styles Inventory

Please fill out about, or with, your child and include in your application. You are welcome to make additional comments or explanations to accompany your responses. Check all that apply to your student.

- Enjoys making things with his/ her hands.
- Enjoys reading books, magazines and web sites.
- Enjoys categorizing things by common traits.
- Easily picks up on patterns.
- Enjoys discussing questions about life.
- Enjoys traveling to visit inspiring places.
- Ecological issues are important to him/ her.
- Enjoys collecting bugs, flowers, or rocks.
- Enjoys gardening.
- Enjoys physical activity.
- Likes to closely examine what he/ she finds in nature.
- Keeps detailed records of his/ her observations of nature.
- Draws detailed pictures of insects, birds, vehicles or buildings.
- Like to watch natural phenomena like the moon or tides.
- Enjoys hearing explanations about natural phenomena.
- Asks a lot of questions about how things work.
- Takes things apart.
- Builds with Tinker Toys, Legos, etc.
- Enjoys learning about animals
- Learns by doing.
- Demonstrates as a way of explaining.
- Enjoys hands-on activities.
- Keeps a journal.
- Easily explains his/ her ideas to others.
- Enjoys being involved in activities that help others.
- Enjoys troubleshooting something that isn't working.
- Learns new things easily when he/ she sees their real world application.
- Learns by interacting with others.
- Enjoys informal conversation and serious discussion.
- Is a team player.
- Enjoys creating his/ her own works of art.
- Creates charts, graphs and tables to record information.
- Enjoys reading maps and blueprints.
- Enjoys puzzles, especially 3-D.
- Finds solving math problems fun.
- Enjoys logical puzzles or brain teasers.
- Enjoys finding out how things work.
- Takes things apart and tries to reconstruct or improve.
- Works well with others.

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Machentanz Elementary STEM Program
APPLICATION: TEACHER RECOMMENDATION

(PARENTS: PLEASE FILL IN YOUR CHILD'S NAME, STUDENT ID AND GRADE. GIVE IT TO YOUR CHILD'S TEACHER FOR COMPLETION.)

Student Name: _____ **Student ID:** _____ **Grade:** _____

Directions to Teacher: Please mark the box below that best represents your assessment of the student. Continue on the back of this form if necessary. *Provide specific examples for categories checked as "Almost Always", using the back as necessary.

	Almost Always*	Often	Occasionally	Rarely	Never
Ease of Learning – Enjoys the challenge of problems, assignments, and issues. Learns quickly. Comments:					
Adaptability – Approaches ideas and problems from a number of directions. Finds alternative means of solving problems. Thinks about ideas in a new way. Comments:					
Initiative and Enthusiasm – Is a highly motivated, independent worker. Seeks additional tasks, is intellectually curious; and stays actively engaged. Comments:					
Persistence – Stays with tasks and relates progress on tasks to accomplishment of larger goals. Comments:					
Reliability and Integrity – Is scrupulous and punctual in fulfilling obligations. Readily takes responsibility. Comments:					
Reasoning – Uses logical, analytical reasoning and/or creative, divergent thinking to consider ideas or solve problems. Comments:					
Communications – Communicates both orally and in writing in an independent and effective manner. Comments:					
Organization – Manages time, resources, and materials, meets designated deadlines and cooperatively divides tasks into subtasks. Comments:					
Teamwork and Collaboration – Shows respect and tolerance of others' views. Is willing to accept the ideas of others, and contribute to the group process. Influences others in a positive manner. Contributes to the completion of group projects. Comments:					

Teacher Signature: _____ **School:** _____

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