

S.T.E.A.M.



Science

Technology

Engineering
Arts

Mathematics

STEAM is an integrated approach to learning that combines goals from Science, Technology, Engineering, and Math with the Arts.

Students in STEAM will participate in activities designed to:

1. Reinforce Science Standards.
2. Reinforce Math Standards
3. Develop skills using various technologies.
4. Reinforce Art skills and standards

The main focus of all activities is to develop skills for the 21st Century; Critical thinking, Creativity, Collaboration, and Communication.

Students will be presented challenges that will allow them to use the knowledge they have to work with a team to experiment and develop solutions to problems.

Visual Arts



In Visual Arts, students will:

- Create artwork using a variety of materials and methods.
- Create artwork that utilizes the elements and principles of art and design.
- Prepare and sign artwork for displaying.
- Discover new artists and cultural groups from all over the world and throughout time.
- Explore an appreciation for art of all kinds and be able to talk about it.
- Create connections between themselves and the art they create, and view as well as the world around them.

Displays and Art Shows

- Throughout the year, artwork is hung around the school and in conjunction with performance opportunities.
- **Annual Ceramics Art Show** will be on display in the library with the *PTSA's Annual Family Reading Night* which will be held every March.
- **Williamston Fine Arts Fest** held in April will consist of a collection of artwork from our elementary students.

Arts Integration Connections

When possible, an effort is made to integrate the visual arts curriculum with the general education curriculum.

ARC



**Academically
Related
Curriculum**

ARC Teaching Staff

Mrs. Meg Carr, *Music Education*
carrm@gowcs.net

Mr. Sean Ferguson, *STEAM Education*
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Mrs. Jill Fuller, *Fit For Life*
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Mrs. Carrie Hartges, *Spanish*
hartgesc@gowcs.net

Mrs. Angie Herek, *Visual Arts*
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Mr. Heath Plaxton, *Fit For Life*
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Students will be attending each ARC class every 6 days, rotating between the 6 teachers/classes. Each class is 50-minutes long and will cover curriculum goals connected to state and national standards for each specialty.



FIT FOR LIFE



Students in Fit for Life will:

1. participate in motor skills and movement patterns needed to perform a variety of physical activities.
2. apply knowledge of concepts, principles, strategies and tactics related to movement and performance.
3. begin to develop the knowledge and skills necessary to achieve and maintain a health-enhancing level of physical activity and fitness.
4. exhibit responsible personal and social behavior that respects self and others.
5. recognize the value of physical activity for health, enjoyment, challenge, self-expression and/or social interaction.

Fit for Life teaches elementary students basic skills to participate successfully in:

- ~Physical health, fitness, and conditioning activities.
- ~Lifetime activities.
- ~Individual and team sports.
- ~Recreational and cooperative games.

At each grade, skills are taught at various levels of instruction. The skills that are introduced, developed, and reinforced in the young five through second grade classrooms will prepare the students for what is expected of them at the third, fourth, and fifth grade level. With the skills that are learned, the students will begin to develop a personal philosophy of health and wellness that will last a lifetime.

You can have a positive influence on your child's Fit for Life experience by staying physically active and encouraging healthy eating habits. If you ever want to experience Fit for Life for yourself, please feel free to stop in and join the fun.

Music

Based on the Michigan Arts Standards,

Music classes at the Williamston elementary schools are designed to:

Teach students about the elements of music (rhythm, melody, harmony, form, tone color and expressive qualities).

Give students the opportunity to learn and develop good singing skills.

Help students gain an appreciation for many styles of music.

Develop life skills of active listening, self-discipline, cooperation, personal best, and respect for people of various cultures with different kinds of music.

The Music course content emphasizes American and multicultural folk music, in addition to classical music, jazz and musical theater. Among the many activities we do are singing, playing instruments, playing musical games, movement (including dances), watching videos of various musical performances, illustrating music, listening with a purpose, learning about famous composers and some of their works, etc. - a little something for everyone, as we "Discover" and "Explore" the wonderful world of music.



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