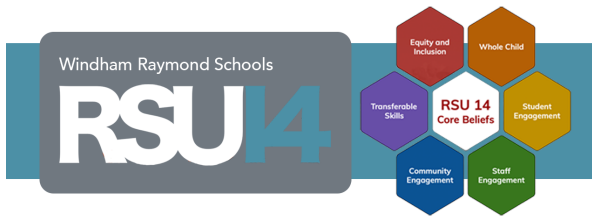


Applied Tech Computer - Grade 5



Jordan Small Middle School



Curriculum Guide

Jordan Small Middle School

Applied Technology

Grade 5

With the key focus on Basic Computer Skills, Internet Safety and Google Classroom. Applied Technology students will learn to become safe informed digital citizens.

Course Level and Description:

*Year long: Consisting of one class period a week.
Open to all 5th graders
Computer Skills and Application of those skills in a variety of areas that will prepare students to be successful in other content areas.*

Graduation Standards for course:

Students will develop abilities and skills for a technological world that can be applied both locally and globally.

MS.IT.1A

- A. Apply the design and engineering process through product development.

MS.IT.1B

- B. Use technology to personalize a product.

MS.IT.1E

- E. Define the criteria and constraints of a design problem with sufficient precision to ensure a successful solution, taking into account relevant scientific principles and potential impacts on people and the natural environment that may limit possible solutions. (ETS1-1)

MS.IT.1F

- F. Develop a model to generate data for iterative testing and modification of a proposed object, tool, or process such that an optimal design can be achieved. (ETS1-4)

Students develop knowledge, understanding and appreciation of the interrelationship between design, technology, the individual, society and the environment.

MS.IT.2A

A. Evaluate possible solutions and select the best one to solve a problem.

MS.IT.2B

B. Select an approach to the design process and produce a product.

Guiding Principles for course:

- Clear and Effective Communicator
- Self-Directed and Lifelong Learner
- Creative and Practical Problem Solver
- Integrative and Informed Thinker

Course Activities may include:

- Internet Safety, Digital Footprint, Digital Citizenship
- 3D Printing and CAD (Computer Assisted Design/Drafting)
- Google Docs/basic
- Google Classroom
- Google Slides
- Imovie/Intro.
- Garage Band/ Intro.
- Typing Skills

Curriculum Materials may include:

3D Printer/ Cad software
MacBook Air Laptop
Printer
Typsey (Typing Software) Monitors progress/skills
Google Applications
Code.org (Computer Coding Skills)