Grade Level: Class Title:

6th, 7th or 8th

Technology

Subject:

Technology

Students in middle school develop and understanding of Technology Literacy and Technology Fluency.

Technology Literacy is the ability to responsibly, creatively and effectively use appropriate technology to:

- Communicate.
- Access, collect, manage, integrate and evaluate information.
- Solve problems and create solutions
- Build and share knowledge.
- Improve and enhance learning in all subject areas and experiences.

Class Description:

Technology Fluency is demonstrated when students:

- Apply technology to real-world experiences.
- Adapt to changing technologies.
- Modify current and create new technologies.
- Personalize technology to meet personal needs, interests, and learning style

This class will work toward one or more of the K-12 Technology Learning Standards. This will be a year-long class, spanning the 2022-2023 school year.

The estimated instructional hours for this class are ____per week. State Cedars Code: 02053 This remote class is overseen by Julie Rheinschmidt.

Learning Materials:

List all materials.

- 1. Empowered Learner Students leverage technology to take an active role in choosing, achieving, and demonstrating competency in their learning goals, informed by the learning sciences.
- 2: Digital Citizen Students recognize the rights, responsibilities, and opportunities of living, learning and working in an interconnected digital world, and they act and model in ways that are safe, legal and ethical.
- 3. Knowledge Constructor Students critically curate a variety of resources using digital tools to construct knowledge, produce creative artifacts and make meaningful learning experiences for themselves and others.

Learning Goals/ Performance Objectives:

- 4. Innovative Designer Students use a variety of technologies within a design process to identify and solve problems by creating new, useful or imaginative solutions.
- 5. Computational Thinker Students develop and employ strategies for understanding and solving problems in ways that leverage the power of technological methods to develop and test solutions.
- 6. Creative Communicator Students communicate clearly and express themselves creatively for a variety of purposes using the platforms, tools, styles, formats and digital media appropriate to their goals.
- 7. Global Collaborator Students use digital tools to broaden their perspectives and enrich their learning by collaborating with others and working effectively in teams locally and globally.

A team of certificated teachers who are highly qualified in this subject matter has reviewed this WSLP. This is just a sample of learning goals. Other learning goals are available to view by going to OSPI's website. https://www.k12.wa.us/student-success/learning-standards-instructional-materials

The student will create a digital portfolio.

The student will participate in discussions about media literacy and online safety. The student will use online library databases to complete a research project of their choice.

The student will create a multimedia presentation (ie. proposing their solution to a current issue with links or references to supporting resources.)

Learning Activities:

The student will create design prototypes to address a personal and/or community challenge.

The student will create simple computational codes to respond to simple commands. The student will create a project plan timeline for an upcoming project.

The student will integrate multimedia and visual displays into presentations to clarify information, strengthen claims and evidence, and add interest.

The student will collaborate in an online platform with a variety of peers, experts, and community members.

The student will keep a portfolio of weekly work samples and any written assessments to present to consultant at face-to-face meetings each month. Monthly assessments will be completed by the consultant/certified teacher. Monthly Progress will be marked satisfactory or unsatisfactory based on the professional judgment of the certified teacher using parent input, work samples, and monthly assessments.

Progress Criteria/ Methods of Evaluation:

The listed activities will be reviewed each month between the certified teacher/consultant, parent and student. Student's work will be determined satisfactory when the student shows consultant evidence of at least one graded activity each month and one graded extension every three months. Each month the consultant/teacher will use his/her professional judgment to determine if the student will master the objectives by the end of the course.