Unit 5: Animate CC - 'Digital Timeline/Onion Skin'

Content Area: **Multimedia**
Course(s):
Time Period: **Semester**
Length: **5-8 Weeks**
Status: **Published**

General Overview, Course Description or Course Philosophy

- The Animation course is designed to provide a brief history of animation from its early beginnings to the animation application(s) of today. Students will be introduced to the methods of the design animation design process, introduction to a variety of computer software applications (Adobe Creative Cloud) and Mobile Device Application(s). Introduction to 'the 12 principles of animation', frame rates, sequence, layers, onion skins, and basic 2d, 3d, tracking, 4d rigging, filers, stop-motion. The course focuses on developing student 21st Century skills, development of student accountability, autonomous ownership of self guided assignment(s)& project(s). Encouraging student imagination/ creativity, art application, art in motion. The course encourages 'hands on' computer skills, file management, infusing methodology of animation. Through projects, the skills of planning, producing video/ story themes, character, expression/ tone and time management and care/ cleanliness for software and production equipment are developed. Students will have an opportunity to produce a portfolio of their work (not required).

- Develop/ apply art, art in motion, animation video. Use information, technology and other tools to create projects. Use critical thinking, decision making and problem solving skills. Demonstrate self-management skills. Apply safety principles and care for production equipment. Develop writing and design skills for preproduction, production & postproduction. Understand form, function of space/ movement, structure, objects and sound synchronization . View, utilize, analyze, and critique textual and non-textual information. Develop career planning and desired 21st Century career skills.

OBJECTIVES, ESSENTIAL QUESTIONS, ENDURING UNDERSTANDINGS

Objective: In this unit, students will be introduced to the Adobe Creative Cloud. Animate CC - CGI Design Skills, introduction of 'onion skin'

Essential Questions: What is onion skinning and why is it a necessary design component while working with digital animation applications

How does CGI differ from traditional cell animation? What design concepts are applied in both techniques?

Enduring Understandings: Demonstrate Application of Animate CC (Squash and Stretch)

CONTENT AREA STANDARDS

ITEC.9-12.9.4.12.C.(1).4	Employ knowledge and skills related to video production equipment to demonstrate an understanding of basic tools used in this pathway.
ITEC.9-12.9.4.12.C.5	Demonstrate use of the concepts, strategies, and systems for obtaining and conveying ideas and information to enhance communication.
ITEC.9-12.9.4.12.C.16	Employ critical thinking and interpersonal skills to resolve conflicts.
ITEC.9-12.9.4.12.C.18	Conduct technical research to gather information necessary for decision-making.
ITEC.9-12.9.4.12.C.21	Operate Internet applications to perform tasks.
ITEC.9-12.9.4.12.C.27	Employ computer operations applications to manage work tasks.

RELATED STANDARDS (Technology, 21st Century Life & Careers, ELA Companion Standards are Required)

SL.11-12.1. Initiate and participate effectively in a range of collaborative discussions (one-on- one, in groups, and teacher-led) with peers on grades 11–12 topics, texts, and issues, building on others' ideas and expressing their own clearly and persuasively

9.4.12.CI.1: Demonstrate the ability to reflect, analyze, and use creative skills and ideas

VA.9-12.1.5.12prof.Cr2a	Engage in making a work of art or design without having a preconceived plan.

EVIDENCE OF LEARNING

Formative Assessments

Teacher Observation

Teacher Monitoring

Class Discussion

Peer led Discussion

Teacher/ Student Feedback Discussion

Content Review

Authentic and Practical Exercises

Performance Task

Student Project Management

Summative Assessments

Performance Task

Authentic and Practical

Video Project - Utilize Adobe Animate CC - Apply Squash and Stretch

RESOURCES (Instructional, Supplemental, Intervention Materials)

Instructional: Adobe Creative Cloud

Google Drive

Supplemental: Google Drive - File Managment

Adobe Create

INTERDISCIPLINARY CONNECTIONS

Students understanding of technology, 21st Century Life and Career standards such as critical thinking, problem solving, creativity, innovation, collaboration, teamwork and leadership will lead to a cross-cultural understanding, global awareness, civic literacy, and interpersonal communication.

ACCOMMODATIONS & MODIFICATIONS FOR SUBGROUPS

Modify instructional approach and/or assignments and evaluations as needed based for students with IEPs, 504s, ELLs and gifted and talented students including but not limited to:

- Extended time
- Enrichment activities
- Preferential seating
- Online visuals and audio for individual lessons
- Pairing students for activities
- Teacher modeling
- Differentiated written and verbal responses
- Additional graphic organizers and outlines for writing assignments
- Audio versions of texts
- Integration of higher order thinking processes, creative and critical thinking activities, problem-solving, and open-ended tasks
- Higher level direct questioning
- Opportunities for cross curricular activities
- Flipped Classroom
- Small cooperative groups