

# Unit 5: Animation: History, Techniques, Principles

Content Area: **Performing Arts**  
Course(s):  
Time Period:  
Length: **2 weeks**  
Status: **Published**

## State Mandated Topics Addressed in this Unit

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N/A	N/A

## Animation: History and Techniques

### Learning Objectives

- Investigate/ Experiment/ Decide:
- “The Twelve Principles of Animation” (Frank Thomas and Ollie Johnston)
- create a short animation featuring a character demonstrating running, jumping, and kicking while incorporating the 12 principles of animation using Adobe Animate.
- History of Animation (Universal) (Milestones, Developments, Techniques, and Pioneers)

### Essential Skills

- Compose a full-fledged animation from start to finish making decisions based on an expertise of animation techniques and comprehension of animation history.
- Compose a full-fledged comic strip/ graphic novel from start to finish making decisions based on an expertise of storytelling elements, writing and literary techniques, and comic formatting and layout.
- Demonstrate a mastery of software utilized in the visual arts (e.g., Adobe Photoshop, Animate, After Effects, Premiere, and Dragonframe).
- Investigate and curate short-term/ long-term goals and a refined portfolio in preparation for a career in the visual arts.
- Understanding the 12 principles of animation • Character design and expression
- Utilize graphic design to construct works that reflect an advanced proficiency with graphic design tools and an appreciation for various historic and cultural design styles.

### Standards

VA.9-12.1.5.12adv.Cr1b

Choose from a range of materials and methods of traditional and contemporary artistic

	practices, following or breaking established conventions, to plan the making of multiple works of art and design based on a theme, idea or concept.
VA.9-12.1.5.12adv.Cr2b	Demonstrate understanding of the importance of balancing freedom and responsibility in the use of images, materials, tools and equipment in the creation and circulation of creative work.
LA.K-12.NJSLSA.R10	Read and comprehend complex literary and informational texts independently and proficiently with scaffolding as needed.
VA.9-12.1.5.12adv.Cr3a	Reflect on, re-engage, revise and refine works of art or design considering relevant traditional and contemporary criteria as well as personal artistic vision.
TECH.9.4.8.IML.12	Use relevant tools to produce, publish, and deliver information supported with evidence for an authentic audience.
TECH.9.4.8.IML.13	Identify the impact of the creator on the content, production, and delivery of information (e.g., 8.2.8.ED.1).

## Instructional Tasks/Activities

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- “The Twelve Principles of Animation” Assessment
- Animation History Assessment
- Animation Short Writing
- Animation Techniques Assessment

## Lessons

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- Investigate/ Experiment:

- “The Twelve Principles of Animation”
- History of Animation
- Students will be able to create a short animation featuring a character demonstrating running, jumping, and kicking while incorporating the 12 principles of animation using Adobe Animate.

## Assessment Procedure

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- 1. Discussions (Informal)
- 2. Observations (Formative)
- 3. Quizzes/ Tests (Obtrusive)
- 4. Self-assessment (Artist-generated)
- 5. Professionalism (Unobtrusive)
- 6. Writing (Artist-generated)
- Classroom Total Participation Technique
- Classwork
- DBQ
- Essay

- Exit Ticket/Entrance Ticket/Do Now
- Journal / Student Reflection
- Kahoot
- Other named in lesson
- Peer Review
- Performance
- Problem Correction
- Project
- Quiz
- Rubric
- Teacher Collected Data
- Test
- Worksheet

## **Recommended Technology Activities**

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- Adobe CC Applications
- Apple iMac Computers
- Appropriate Content Specific Online Resource
- Appropriate Content Specific Online Resource
- Cloud Based Practice Application/Assessment
- Copy/Paste Content Specific Link Here
- Copy/Paste Content Specific Link Here
- Copy/Paste Content Specific Link Here
- Digital Drawing Tablets
- Educational Social Media
- Gimkit
- GoGuardian
- Google Classroom
- Google Docs
- Google Slides
- Google Slides
- Google Web Applications
- Kahoot
- MagicSchool AI
- Other- Specified in Lesson
- Quiziz
- Screencastify

## **Accommodations & Modifications & Differentiation**

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Accommodations and Modifications should be used to meet individual needs. Their IEP and 504 plans should be used in addition to the following suggestions.

## **Special Education**

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Modifications and accommodations to this unit will be based on individual IEP needs and through the collaboration of the classroom teacher and the special education teacher under the direction of the Supervisor of Special Education.

## **Gifted and Talented**

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- Compare & Contrast
- Conferencing
- Debates
- Jigsaw
- Peer Partner Learning
- Problem Solving
- Structured Controversy
- Think, Pair, Share
- Tutorial Groups

## **Instruction/Materials**

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- alter format of materials (type/highlight, etc.)
- color code materials
- eliminate answers
- extended time
- extended time
- large print
- modified quiz
- modified test
- Modify Assignments as Needed
- Modify/Repeat/Model directions
- necessary assignments only

- Other (specify in plans)
- other- named in lesson
- provide assistance and cues for transitions
- provide daily assignment list
- read class materials orally
- reduce work load
- shorten assignments
- study guide/outline
- utilize multi-sensory modes to reinforce instruction

## **Environment**

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- alter physical room environment
- assign peer tutors/work buddies/note takers
- assign preferential seating
- individualized instruction/small group
- modify student schedule (Describe)
- other- please specify in plans
- provide desktop list/formula

## **Resources**

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- “Twelve Principles of Animation” by Ollie Johnston and Frank Thomas
- Animation: The Whole Story by Howard Beckerman
- Of Mice and Magic: A History of American Animated Cartoons by Leonard Maltin
- The Animator’s Survival Kit by Richard Williams
- Tradigital Animate CC: 12 Principles of Animation in Adobe Animate by Stephen Brooks