

HBCSD TECHNOLOGY LESSON PLAN

2nd GRADE (Lesson 1)

Grade Level - 2

Lesson Title - Geometry Rap

Standards

[CCSS.Math.Content.2.G.A.1](#) Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces.¹ Identify triangles, quadrilaterals, pentagons, hexagons, and cubes.

[CCSS.ELA-Literacy.SL.2.2](#) Recount or describe key ideas or details from a text read aloud or information presented orally or through other media.

[CCSS.ELA-Literacy.SL.2.5](#) Create audio recordings of stories or poems; add drawings or other visual displays to stories or recounts of experiences when appropriate to clarify ideas, thoughts, and feelings.

[Performing Arts 2.4](#) Improvise simple rhythmic and melodic accompaniments, using voice and a variety of classroom instruments.

[Performing Arts 5.1](#) Identify similar themes in stories, songs, and art forms (e.g., patterns, texture).

Technology Competencies

- Use digital instruments and measurement devices (e.g. thermometers, scales, heart rate monitors, microscopes)
- Use output devices (e.g. monitor, printer, storage device, projector)
- Use input devices (e.g. mouse, touchpad, keyboard, remote control, scanner)
- Use peripheral devices (e.g. camera, microphones, etc.)
- Adjust volume control on devices
- Use proper keyboarding skills
- Create and revise original text at computer
- Create/Use/Save files to and retrieve from network folders
- Respect ideas and material as property (e.g. plagiarism, intellectual property)

Purpose

Record a Geometry Rap to remember shapes such as triangles, quadrilaterals, pentagons, hexagons, and cubes.

Resources

<http://oldweb.madison.k12.wi.us/projects/hiphopmath/Triangles.mp3>

<http://oldweb.madison.k12.wi.us/projects/hiphopmath/TRIANGLES.pdf>

Supplies

- iPods/iPads/microphones on computer
- free background rap music/rhythms
- math textbooks
- computers with word processing
- printer

Direct Instruction

1. Using textbook, give lesson on geometric shapes

HBCSD TECHNOLOGY LESSON PLAN

2nd GRADE (Lesson 1)

Guided Practice

1. Listen to Triangle Rap song. Pass out lyrics to allow students to follow along.
2. Sing Rap together using lyrics.
3. Talk about what key points are illustrated in the rap.
4. Talk about plagiarism - do not copy somebody's intellectual property.
5. Divide the class into groups and assign them a geometric shape to rap about.
6. Using word processing, have students write out lyrics.
7. Using a recording device, have students sing their rap.
8. Take turns sharing their raps.

Differentiated Instruction

ELL - Provide a word list and definitions with descriptions of the geometric shape
GATE - Expand the list of geometric shapes

Assessment

Listen to group raps and determine accuracy of information included