

DAIVERSE LEARNING ACTIVITY



Symmetrical art

Exploring and Creating with Bing Image Creator

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DAIVERSE FRAMEWORK



[What part(s) of the [Daiverse Framework](#) are covered in the scenario?]

AI TEACHING ASSISTANCE

- Learning Styles Diversity
- Linguistic Diversity
- Cultural Diversity

AI FOR DIFFERENTIATED INSTRUCTION

- Attention and Concentration Enhancement
- Thinking and Reasoning Enhancement
- Memory Boost

AI-DRIVEN ACCESSIBILITY

- Self-regulation Development
- Learning Needs Development
- Speech and Communication Development

AI EDTECH TOOL



[Bing Creator](#)

AGE GROUP



12-13 y.

TIMING of ACTIVITY



45 min.

OBJECTIVE(S)



- *Recognize and describe bilateral symmetry in various contexts.*
- *Use a digital tool to create artworks based on the principle of symmetry.*
- *Develop creativity, visual perception, and digital competencies.*

DESCRIPTION



Introduction (10 minutes)

A brief presentation on symmetry in nature and art (e.g., butterflies, snowflakes, architecture).

A demonstration of Bing Image Creator using simple examples of symmetrical shapes.

Explanation of the concept of bilateral symmetry and how to recognize it.

Divide students into groups according to their preferred learning styles: visual, kinesthetic, and verbal.

Exploration and experimentation (15 minutes)

- Visual learners: Examine images of various artworks that utilize symmetry.
- Kinesthetic learners: Experiment with folding paper and creating symmetrical patterns.
- Verbal learners: Discuss examples of symmetry in everyday life and describe their observations.

Creating with Bing Image Creator (15 minutes)

Each group will be tasked with creating an artwork using Bing Image Creator, focusing on bilateral symmetry.

- Visual learners: Experiment with colors, shapes, and textures.
- Kinesthetic learners: Use various tools and features of Bing Image Creator to create their designs.
- Verbal learners: Describe their ideas and the creation process.

Presentation and discussion (5 minutes)

Each group will present their work and explain how they used the principle of symmetry.

A discussion about different approaches, challenges, and discoveries.

ASSESSMENT & FEEDBACK



Self-assessment: Students will assess their work based on given criteria (e.g., creativity, accuracy of symmetry representation, use of tools).

Peer assessment: Students will provide feedback to their peers.

Teacher feedback: The teacher will provide individual and group feedback, highlighting the strengths and weaknesses of each student.

TIPS & RESOURCES



Prepare different materials for each group (images, paper, pencils, digital tools).

Encourage collaboration and sharing of ideas within groups.

Use online tools for collaborative drawing (e.g., Miro, Padlet) to allow students to create their designs together.

Allow students to choose a theme for their artwork (e.g., nature, architecture, abstract art).