

Fractal Art

Grade levels: 1-2

Content Areas: Art, Bible

Description/Abstract of Lesson:

Students will learn about fractal art and how we see God's patterns and design in nature

Time Requirements:

Preparation Time: 5 min.

Class Time: 30 min.

Standards Addressed:

J2E- 9,1

Specific Learning Outcomes:

Head (know): The student will know that God has an organized plan for creation

Heart(feel): The student will feel a sense of awe when looking at creation.

Hand (do/respond): Students will draw and color fractals.

Assessment of Outcomes: Creation and display of a fractal drawing.

Learning Experiences:

1. Define a fractal.
2. Read Ecc1. 7:13 (The Message)
3. Say: Take a good look at God's work. Who could simplify and reduce Creation's curves and angles into a plain straight line?
4. Show students pictures of fractals in nature (<http://sprott.physics.wisc.edu/fractals.htm> offers some) or check out books from your local library.
5. Teacher demonstration of how to make fractals.
6. Students draw and color their fractal pictures (make sure patterns repeat)
7. Discussion about God's amazing, beauty, and organization in creation.
8. Wrap up by summarizing Eccl. 7:13.

Required Materials: Pictures of fractals and /or web site to display fractals.