



STEAM Storytime: Planting a Rainbow



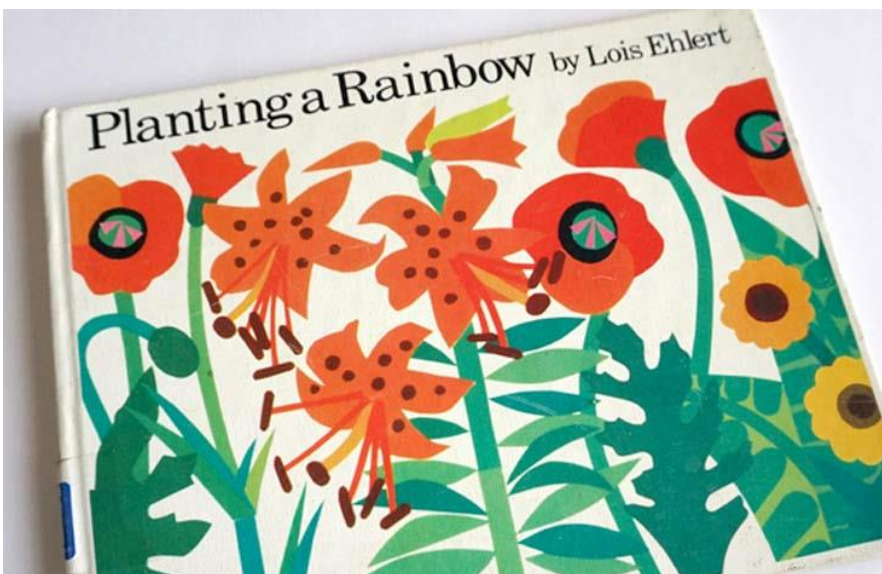
STEAM Question: Can you build a flower using pattern blocks?

Objective: Students use pattern blocks to design a flower that incorporates the different parts of a flower.

Materials:

- Pattern Blocks
- Images of different flowers (optional)
- Planting a Rainbow by Lois Ehlert

Read the story, "Planting a Rainbow" by Lois Ehlert



Ask: What are the different parts of a flower? How can we build a flower using the pattern blocks?

Imagine: Give students time to experiment and play with the materials.

Plan: Discuss and collaborate together or in small groups, on how different ways to build a flower. *Students may wish to draw their designs.*

Create: Build your flowers.

Improve: Discuss how many different ways you can create a flower with the blocks. Allow students to redesign their creation to try to make even more designs.

Share: Paint a picture or take a digital photo of your favorite flower. Create a class mural of a rainbow garden by incorporating everyone's painted flower. Share with parents or other classmates.

STEAM Experience:

Science: What are the different parts of a flower? What types of colors are flowers?

Technology: Take a digital photograph of your different flower designs using the pattern blocks.

Engineering: How can you build a flower with the provided materials?

Art: Paint a picture of your favorite flower and create a collaborative mural of a rainbow garden.

Math: How many blocks did you use in your favorite flower design?

