

# A STEM in the Park

## Take Home Activity

# STEM

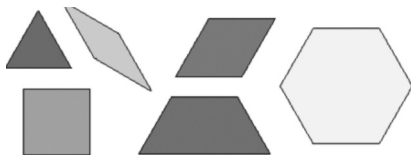
in the **PARK**™

Science, Technology, Engineering, and Mathematics

# Pictures with Pattern Blocks

### **What You Need:**

- Colored Pencils, Crayons, or Markers (Blue, Yellow, Red, Green, Orange)
- Scissors
- Sandwich Baggie
- Internet & Printer



### **Set up:**

- Go online to <http://www.themailbox.com/magazines/editorial/pattern-blocks> and print out the free Pattern Block pieces template. You may want to print out a couple copies in order to make sure that you have enough pieces.
- Cut out all of the different Pattern Blocks. Get your sandwich baggie ready for storage when you are all done playing.
- Color each of the Pattern Block pieces. The hexagon is yellow, the trapezoid is red, the rhombus is blue, the square is orange, the triangle is green, and the diamond may be kept white.
- You have now made your own set of Pattern Blocks!

*Continued on back*

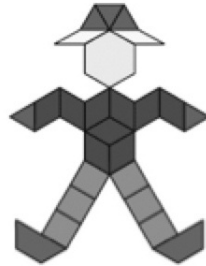
### **How to Play:**

- On the back of this card, there are some sample pictures that you can make with your own set of Pattern Blocks.
- Look online for more fun pictures, or come up with your own creation

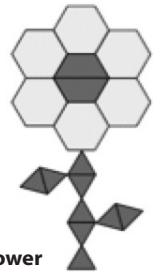
### **Discussion:**

- How do my Pattern Block pieces differ in size and shape?
- Are there any shapes that seem to have equal side lengths?
- Can some pattern blocks be put together in such a way that it makes another pattern block? How?

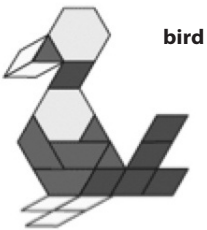
**skateboarder**



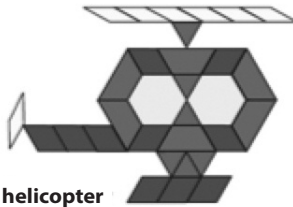
**scarecrow**



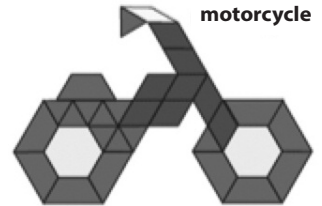
**flower**



**bird**



**helicopter**



**motorcycle**

***This activity is brought to you by the Bowling Green Council of Teachers of Mathematics (BGCTM)***

