

# ***Firedrake's Gems***

## **Become a Master!**

Explore activities in a level. When you think you are the master of an activity, ask a parent, teacher, or friend to watch you try 10 different trials in the activity.

Check off an activity when you've mastered it by showing that you can pass all 10 trials in a row accurately! To do this, you will need to be alert. Don't make a mistake because you're going too fast.

Keep up your skills by creating your own activities and games that use number lines and coordinate graphs.

### **Level 1**

(horizontal and vertical number lines, numbers 0 to 10)

   1. *Land the dragon.*

Can you find treasure at a point on the X axis number line?

   2. *Find the gems.*

Can you find a new hiding place for treasure?

   3. *Fly the dragon.*

Can you find treasure at a point on the Y axis number line?

   4. *Find more gems.*

Can you find a new hiding place for treasure?

### **Level 2**

(coordinate graph with both X and Y axes, numbers 0 to 10)

   1. *Where's the gem?*

Can you recognize the x,y coordinates of the gem?

   2. *How do you get to the gem?*

Can you recognize directions to the gem?

   3. *Find the treasure.*

Can you locate the treasure with x,y coordinates?

   4. *Find the treasure now.*

Can you locate treasure by following directions?

### **Level 3**

(coordinate graph with both X and Y axes, numbers -10 to 10)

   1. *Choose (or lose) the gem's location.*

Can you recognize the x,y coordinates of the gem?

   2. *Recognize directions to treasure.*

Can you recognize directions to the gem?

   3. *Find the spot. Reveal the treasure.*

Can you locate the treasure with x,y coordinates?

   4. *Follow directions to treasure.*

Can you locate treasure by following directions?