

Activity 1 of Lesson 2: *Review and Extend*

The Construct-a-Parabola Task: Create a collection of points that form a parabola by using the following definition: A parabola is the set of points that are equal distance from a fixed point (called the focus) and a fixed line (called the directrix).

Engage in the option below that makes the most sense for your group:

- Complete the solution method that your group started during Lesson 1
- Try a different approach to the task
- Recreate your solution to the task but bring in an additional tool or idea to extend your general approach

Be prepared to share any new ideas that emerge with the class.