

Post-Session Activity (Math in Nature)



Use the Spirograph kit to answer the following questions:

- How does moving the pen closer to, or further away, from the center of a gear change its shape?
- How does putting the gear inside the central circle compare to putting it outside?
- What difference does using the non-circle shaped widgets make to your pattern?

Activity:

Make a 'recipe' for a friend to follow by including the gear number and the hole number used for a specific pattern. For example: gear 60, hole 5 and gear 52 and hole 10. Trade your recipes.

For a real challenge draw a pattern and then challenge your friend to try and recreate it.