

## **MAKING A PEANUT BUTTER and JELLY SANDWICH**

Complete STEP 4 of your My STEM Life badge

### **Objective**

The importance of writing complete, clear, and specific requirements

### **Steps**

1. Have half the girls write down the instructions for making a peanut butter and jelly sandwich.
2. Have the other half follow the instructions and make the sandwich
3. After the first sandwich, ask the girls if they think their instructions were clear or not. What are some things they can do differently to make the instructions more descriptive and clear?

*Note: an alternative activity is to have the girls write the instructions and have the troop leader do EXACTLY what it says. For example, if it says “put the peanut butter on the bread”, you literally put the jar of peanut butter on the bag of bread since there was no instruction to use a slice of bread, open a jar of peanut butter or to use a knife. The more literal you carry out the instructions, the funnier it will be (and messy 😊) and will illustrate the importance of clear and precise instructions.*

### **Instructions**

1. Take a slice of “white” bread
2. Using the knife, scoop some peanut butter from the jar and spread it on the slice of bread
3. Take a second slice of “white” bread
4. Using a different knife, scoop some jelly from the jar and spread it onto the 2<sup>nd</sup> slice of bread
5. Press the 2 slices of bread together so that the side of bread with the peanut butter and jelly meets together

Example: Be specific about what kind of bread you want; otherwise you might get French bread, rye bread, wheat bread, etc.

