




SCIENCE	TECHNOLOGY	ENGINEERING	MATH
<p>_____</p> <p>did a great job in the</p> <p> STEM  100 </p> <p>MEETS</p> <p>FOUR-STATION ACTIVITY CHALLENGE!</p> <p>_____</p> <p>Teacher _____ Date _____</p>			
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Each *Station Card* features a counting to 100 activity on the front and STEM-based for **S**cience, **M**ath, **T**echnology, and **E**ngineering activities on the back. Depending on your students’ level, you (and classroom aides or volunteers) may need to lead the activities due to text complexity and task difficulty. Store all of the materials in the *Storage Box* once activities are completed.

Setting Up the STEM Meets 100 – Four-Station Activity Kit Stations

This *Kit* includes enough materials to divide your class into four working groups of up to six students each with plenty of extra *Pom-Poms*, *Foam Bugs*, *Pipe Cleaners*, and *Buttons* for more than one use. The groups rotate from *Station* to *Station*, allowing them to compare and contrast their activities and models. Decide how you wish your students to rotate through the *Stations* and be prepared to share it with students before beginning the *STEM Meets 100 Activities*. Prepare the stations as listed below:

- Select the *Station Cards* from the *Storage Box* and fold them into stand-up tents.
- Place the *Station Card* tents in the center of the tables with the instruction sides facing front.
- Supply each station with the appropriate materials for each station as listed below.
- Right before you are ready to start the activity, distribute a *STEM Meets 100 Journal* to each student and have them label the *Journal* with their name. Remind them to bring a pencil and their *Journal* along on their *STEM Meets 100* journey.
- Divide your class into the desired groups and share your *STEM Meets 100* procedure with your students.

The Filling Station - A place to have fun with counting to 100, subtraction, measurement, estimating, and shapes!

1. Collect containers such as a butter container, an oatmeal box, a gift box with a lid, a plastic food container, etc., and place them around the classroom for students to select.

2. Place a digital camera or a tablet on the table for students to take pictures of the activity. Provide a box of crayons or colored markers to use in the *Journals*.
3. Place an assortment of *Pom-Poms* in a basket or container near the *Station Card*. Be sure to include more than 100 so the students are challenged with counting out the amount they need for the activity.
4. Instruct students to read the front of the *Station Card* to start the activity. Remind them to work together as a group to complete the activities together.
5. Have students record their information in their *Journals*.
6. Remind students to return the materials to the way they found them, and be ready to move on to the next *Station*.

Bug-Out Sort - A place to have fun with counting to 100, adding, categorizing, estimating, and sorting by attributes!

1. Provide the table with measuring tools such as a ruler, a yardstick, or a tape measure.
2. Place a digital camera or a tablet on the table for students to take pictures of the activity. Provide a box of crayons or colored markers to use in the *Journals*.
3. Place an assortment of *Foam Bugs* in a basket or container near the *Station Card*. Be sure to include more than 100 so the students are challenged with counting out the amount they need for the activity.
4. Instruct students to read the front of the *Station Card* to start the activity. Remind them to work together as a group to complete the activities together.
5. Have students record their information in their *Journals*.
6. Remind students to return the materials to the way they found them, and be ready to move on to the next *Station*.

Button-It Up - A place to have fun with counting to 100, predicting, and sinking & floating!

1. Provide the table with a tub half full of water and some paper towels to dry off hands and *Buttons*.
2. Provide a box of crayons or colored markers to use in the *Journals*.
3. Place an assortment of *Buttons* in a basket or container near the *Station Card*. Be sure to include more than 100 so the students are challenged with counting out the amount they need for the activity.
4. Instruct students to read the front of the *Station Card* to start the activity. Remind them to work together as a group to complete the activities together.
5. Have students record their information in their *Journals*.
6. Remind students to return the materials to the way they found them, and be ready to move on to the next *Station*.

Build-It Buddies - A place to have fun with counting to 100, building, constructing, and comparing.

1. Provide the table with measuring tools such as a ruler, a yardstick, or a tape measure.
2. Place a digital camera or a tablet on the table for students to take pictures of the activity. Provide a box of crayons or colored markers to use in the *Journals*.
3. Place an assortment of *Pipe Cleaners* in a basket or container near the *Station Card*. Be sure to include more than 200 so the students are challenged with counting out the amount they need for the activities.
4. Instruct students to read the front of the *Station Card* to start the activity. Remind them to work together as a group to complete the activities together.
5. Have students record their information in their *Journals*.
6. Remind students to return the materials to the way they found them, and be ready to move on to the next *Station*.

Group Sharing and Comparing

After all of the groups have completed their rotation through the *Stations*, gather the groups together to share the information they collected in their *Journals*, the photos that were taken, the pictures that were drawn, and the information they learned. Choose volunteers to share their favorite activities and drawings from the last page of their *Journals*.

STEM Meets 100 Certificate

Make copies of the *STEM Meets 100 Certificate Reproducible* and fill in a certificate for each participant. At the end of the **Group Sharing and Comparing Activity**, award each student with a certificate to color and take home.