

**January is numeracy month at Southwood School! To celebrate, we would like to invite your child to participate in MATH MADNESS MONTH! Each week in January, there will be a new challenge. Please send in a picture or video of your child's work to [southwood@hsd.ca](mailto:southwood@hsd.ca) by the entry due date for a chance to win a prize!**

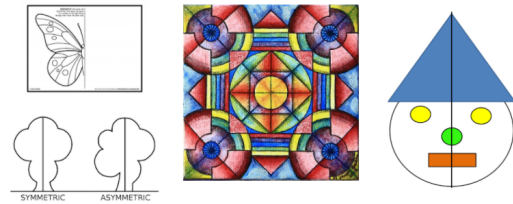
What can you build using 20, 50, or 100 objects?



Pick some objects, any objects! What will you build with them? Make sure to count the total number of objects. Did you use 20, 50, or 100 objects for your creation?

**Entries due Wednesday, January 6th**

Symmetry Art



Use the images on the left as inspiration, or visit this website for symmetry templates: <https://www.math-salamanders.com/symmetry-activities.html>

Remember, symmetry means that the image is mirrored on both sides of the line of symmetry.

**Entries due Wednesday, January 13th**

Design something to represent equality.



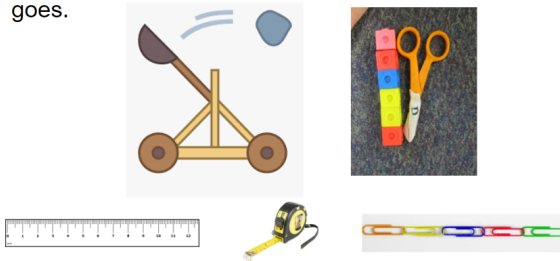
Do you recognize this symbol?



This symbol is used to show that one side has the same amount of objects as the other side. It's an equals sign! Can you show an example of equality? You can use objects, pictures, and/or numbers.

**Entries due Wednesday, January 20th**

Build a catapult and measure how far your object goes.



Build a contraption that will fling an object. You must use at least 3 different materials. Use your catapult to launch an object as far as you can. Measure with standard, or non standard units of measure to let us know how far the object went! Be sure to include the unit that you measured with! (Examples: 5 paper clips, 4 foot steps, 10 cm, etc.)

**Entries due Wednesday, January 27th**