

4-H Program: Junk Drawer Robotics



Cloverbuds

NAME: _____ AGE: _____

CLUB: _____ DATE: _____

ADDRESS: _____

EMAIL: _____

PARENT SIGNATURE: _____

LEADER SIGNATURE: _____

YOU AND YOUR ROBOTICS PROJECT

What were your goals for this project?

1. _____

2. _____

Where have you seen robots?

1. _____

2. _____

3. _____

What did you do in this project?

1. _____

2. _____

3. _____

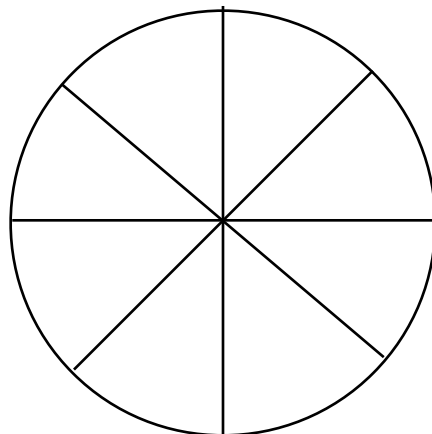
Pictures of my project(s).

Activity A - Think Like a Scientist

Sorting by Color and Shapes

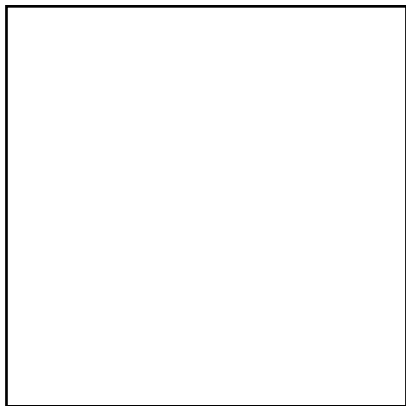
	Square	Triangle	Circle	Rectangle	_____	_____	TOTAL
Red							
Blue							
Green							
Yellow							

Color each part of the Pie Graph in your age in years.

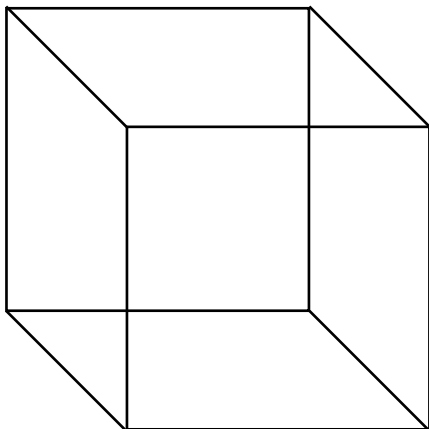


Activity B - Communicate Like an Engineer: Drawing

Draw in 2D:



Draw in 3D:



Activity B - Communicate Like an Engineer: Description

Describe an object in the room. Use only describing words then and let your partner guess what it is.

Size:

Colors:

Shape:

Textures:

Your Partner's Guess: _____

Your Item: _____

Activity C - Build Like a Technician

Activity D - Marshmallow Catapult Design Team

Activity E - Marshmallow Catapult Build Team

Activity F - Sense of Balance

Activity G - ABC ... XYZ

Activity H - Arm in Arm Design Team

Activity I - Arm in Arm Build Team

Activity J - Pumped Up