

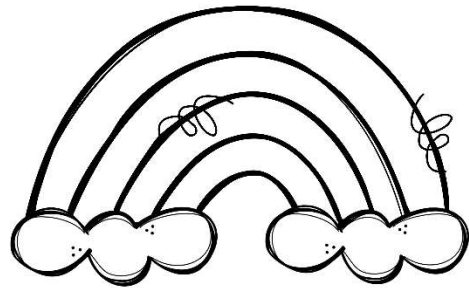
Rainbow STEM Challenge

The Challenge:

Create a rainbow out of paper and tape that is in the proper order and can stand on its own!

Team Materials:

- 1 piece each of red, orange, yellow, green, blue, indigo, and violet construction paper
- Tape
- Scissors



Requirements:

- All team members must participate in the building of the rainbow.
- Your rainbow must stand on its own.
- Your rainbow must be in the proper order (red, orange, yellow, green, blue, indigo, violet).

Red

Orange

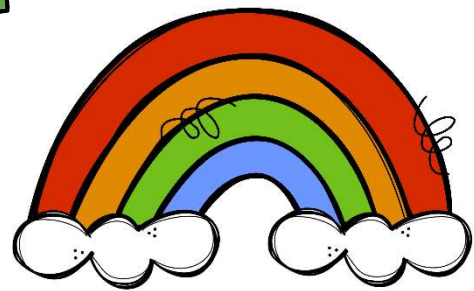
Yellow

Green

Blue

Indigo

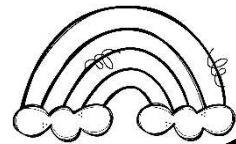
Violet



Rainbow STEM Challenge

Build a rainbow in the proper order using only paper and tape. Your rainbow must be able to stand on its own!

Use words, pictures, and numbers to plan your rainbow:



What is your plan for making your rainbow stand on its own?

What do you think will be the most challenging part?

Name: _____

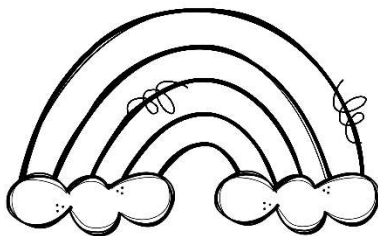
Now, build your rainbow! Check off each part of the challenge you met:

- Built a rainbow.
- Put the colors in the correct order.
- The rainbow stands alone.

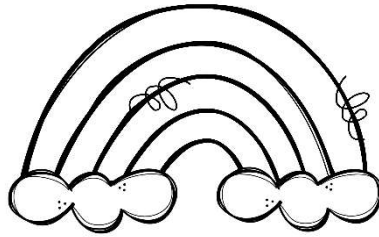
Something that worked well was _____

Something that did NOT work so well was _____

Here's how we fixed what didn't work: _____



Rainbow STEM Challenge Reflection



One thing that was easy for me: _____

One thing that was hard for me: _____

One way my partners and I worked together: _____

Name: _____

Rainbow STEM Challenge

Extension

Use the remaining materials to create a pot of gold and 5 pieces of gold to go with your rainbow.

Plan:

Reflect on your gold and pot of gold:

Name: _____