

Try some of these STEM challenges at home



23 Go on a nature walk and look for flower that are in bloom. Optional: Take picture of these flowers.

24 Build a raft with aluminum foil. How many coins can it hold? Improve your design and try it again.

25 Design and build a rollercoaster with household items. How can you keep a small ball moving?

26 Create a parachute out of a plastic bag, string and a cup.



27 Is it windy? Try designing a kite out of paper and string. Test it outside.

28 Build a tower out of recycled newspaper. Take a picture tag #MNPSSTEAM

29 Make a piece of artwork using reflection and rotational symmetry.

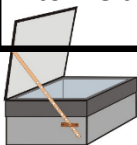
30 Design a blueprint of a birdhouse. What would you include?

31 Brainstorm invention that can improve your life.

1 Design a new crazy drinking straw.

2 Construct a bridge using grapes and toothpicks. Drape crackers or chees over the top of the bridge. They try to roll grapes across your bridge .

3 Build a solar oven using a shoe box and tinfoil. See if you can get the sun to melt chocolate.



4 Use materials found at home try and protect a water balloon for popping, Improve it and try again.

5 Make a pieces of artwork out of recycled materials. Take a picture and tag #MNPSSTEAM

6 Turn this calendar into a paper airplane and see how far it can fly.