

Week of Tuesday, April 28 to Friday, May 1, 2020

Theme: STEAM (Science, Technology, Engineering, Arts, and Mathematics)

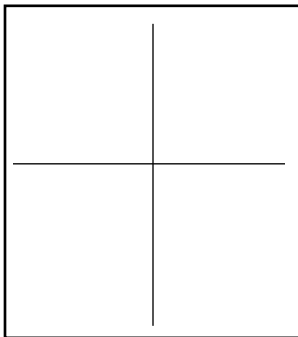
If you find yourself wanting some extra tricky jobs, here are some extensions to add to this week's activities!

Draw!

After watching this video: <https://youtu.be/wxCfEnZD-d0>

Broadcast Cal mentioned some *big juicy* words in his STEAM video! But what do they mean?!

Take a piece of paper and draw two lines to split the paper into 4 sections, like this:



4 Big Ideas behind STEAM are:

- Teamwork (collaboration),
- Exploring (inquiry),
- Asking Questions (critical thinking), and
- Trying Things Out (process-based learning).

In each box of your paper, draw a picture showing each of the "big ideas."

(example: a picture of you working to build a tower with your friend [teamwork]; a picture of you exploring moss on a tree [exploring]; a picture of you asking your parent something you wonder about, like how butterflies fly [asking questions]; a picture of you experimenting with balls and ramps at school [trying things out])



Create!

Can you create your own marble run at home to explore the forces of motion?

Check out this Science World video! <https://youtu.be/JmXPgwqFepo>

Here is an extra "how to" if you need it: <https://youtu.be/XM-l7qM1KB8>

Supplies:

- ✓ Paper tubes (like from paper towels or toilet paper rolls)
- ✓ Other cardboard (like egg cartons, small boxes)
- ✓ Tape
- ✓ Scissors
- ✓ Marbles or other things that move and roll (like toy cars, small balls, etc.)
- ✓ A wall or cupboard space, safe for taping

If you can't use a wall, try it:

- in a big box! <https://youtu.be/RwZz0hHGLzw>
- or on the side of a box! <https://youtu.be/-5774yl7LeQ>

Optional math activity:



Exploring ways of making 5 is an important part of getting to know numbers. Check out the Making 5 worksheet on our blog!



Read!

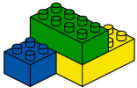
Love making things out of recycled materials? Check out *How Do We Get To The Moon* on Epic!



Draw and Create!



Having fun with the Lego bridge building challenge? Try drawing your bridge after building it! Show which pieces you put where, and post a picture to Fresh Grade so I can share it on our blog and challenge your friends to recreate the same bridge from your drawing!



Create!

Enjoy the Lego building challenge? Try to make these Lego creations!!

1. Make a Lego flower
2. Build a home for a frog with Lego
3. Make a self-portrait out of Lego
4. Spell your name with Lego
5. Build a Lego classroom



Read and be inspired!

Interested in more Lego learning? Checkout *The Lego Zoo* book on Epic! Learn how to make 50 different Lego animals.



Watch and explore!

Want to know more about pushes and pulls? Watch this video about simple machines, called *STEM Activities with Kindergarten* <https://youtu.be/mKX8EXrcj7Y>

Can you create any simple machines?

Watch this Kindergarten class exploring motion! <https://youtu.be/c4xbSY2fwLE>

Can you do any of the experiments that they tried?