

LEARNING AT HOME SCHOOL AGE WEEK 18

July 20th-July 24th



Dear Families,

We are excited to launch plans for Week 18. There are some great options for physical activities in an indoor environment. Additionally, some simple ideas with materials available at home to support the creative undertakings. We hope you enjoy this week's plan with your little ones!

STEAM

Science, Technology, Engineering, Art
and Mathematics

Recycled Material Castles

Using a variety of recycled materials, have your child build a castle. Encourage them to build a structure that can hold a toy person. Add challenges to building such as using small amount of materials, tallest castle, shortest castle, strongest castle.



Science Experiment

Yeast Experiment

You will need: 1 packet of active dry yeast, 1 cup warm water, 3 tbsp sugar, paper for observations and a large bowl. Open the packet of yeast and observe what it looks like. Add the water and sugar to the yeast. Put a piece of tape on the bowl where the mixture is so you can see the effect of the yeast. Stir and observe what it looks like. Watch the bowl for ten minutes and see the changes.



Physical Literacy

Water Balloon Math Toss

You will need some water balloons, sharpie marker, hula hoops and paper to write number targets. Start by making the target numbers (7, 9, 12). Fill the water balloons and write the equations on them ($3+4$ or $10-5$). The equations will develop on the target numbers you have. Set up your targets and let your child do math and throw the balloons at the correct answer target.



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Sensory

Gingerbread Man Playdough

You will need 1 cup flour, 1/2 cup salt, 2 tsp ground ginger, 1 tbsp ground cinnamon, 1 tsp ground cloves, 1 tsp ground nutmeg, 2 tbsp oil, 1 cup of warm water. Mix together all ingredients until a dough forms. Let your child use cookie cutters and other playdough tools.



Creative Activity

Shape Castles

Let your child make shapes out of construction paper or use pre-cut foam shapes. Have your child use the shapes to build a castle on their paper.



Additional Activities

Ice Castles: You will need ice cubes, gems, sequins and glitter. Fill the ice cube trays and let your child decorate the water before it freezes. Freeze the ice cubes. Let your child use drops of water to stick the ice cubes together and build a castle.

Making Bread: After the yeast experiment, make bread. In a Ziploc bag, add 1 cup flour, 3 tbsp sugar, 1 packet of yeast and 1 cup warm water. Press the air out of the bag as you seal it and squish the ingredients together until a dough forms. In a bowl mix 1 cup flour, 3 tbsp olive oil, 1 1/2 tsp salt. Add to bag, seal and squish. Add 1 more cup of flour to the bag and squish until there is no more flour. Remove and add to a lightly floured surface. Knead the dough for 10 minutes and separate into loaf pans. Cover with towels and let rise for 30 minutes. Put in the oven at 375 degrees and bake for 35 minutes until golden brown. Slice and serve.