

# Family Newsletter

## THIS MONTH'S THEME Science Lab

This month, your child will explore their natural curiosities and wonder about the world of science. They will have fun experimenting with their senses while exploring matter, mixes and reactions that make up the science of chemistry. In the physics lab, your child will investigate the mysteries of sound, light and forces. During the engineering lab, they will play with magnets, test out parachutes and build with shapes to test their strength. Biology and ecology round out the month. Your child will learn to classify living and nonliving things, encounter the phenomenon of animal adaptations, study germs and how to stay healthy and learn ways to take care of the environment.



Look for the daily  
notes about your  
child's art projects!

Today I created  
a color paddle.

When I look through my color paddle  
change color. If I look at red drawings I  
drawings disappear. Now I can see  
how colors mix and



Today I made  
a head of hair.

I explored making a head of hair with grass seed. Just like my  
hair, grass grows and can be cut. I can watch my grass grow  
and record how it changes by drawing pictures of it each week.



ASK ME: What were the steps  
you did to make your head of  
hair? What other things grow  
and change?

preschool

## Science in the Home

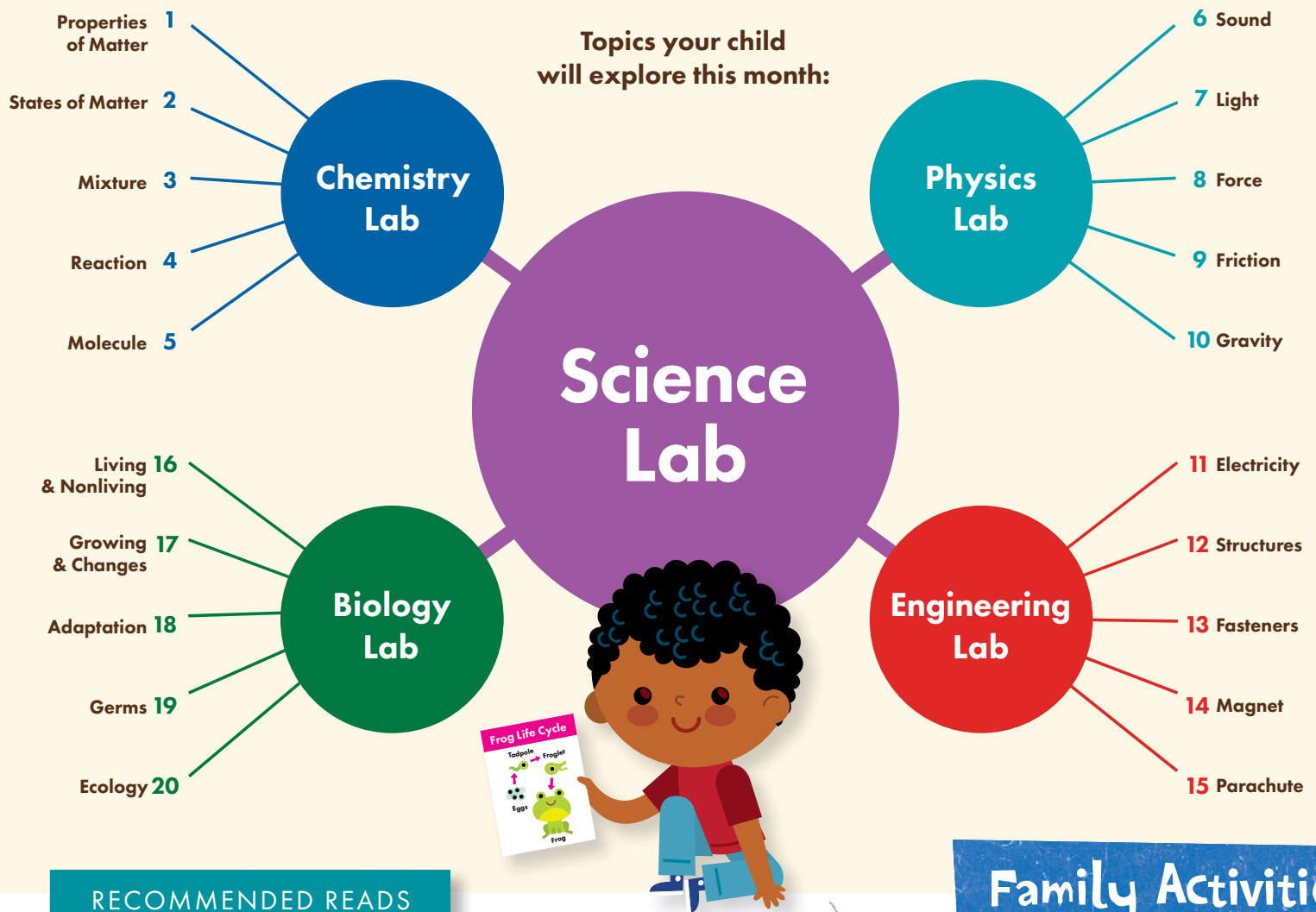
Curiosity and wonder are the basis of all sciences. Children are naturally curious about the world. Inspire them and their love for learning with these three ideas:

- **Go on a texture hunt around your home.** Science is very much about observations and descriptions. What can you find that is smooth? Rough? Soft? Bumpy? Make lists and compare the texture totals of different rooms.
- **Take a walk around your yard and discuss which things are living and which are not.** How do you know? Watch for changes that happen over days, weeks and months. Take photos, create rubbings or make a nature collage in each season to see the changes.
- **Bake something together.** Baking and cooking are great scientific adventures. Discuss the changes that occur as you mix ingredients, stir and cook with them. Experiment with favorite recipes by adding other items and testing variety.

No matter what you're doing with your child, science can be incorporated by encouraging them to observe, discuss, wonder, explore and report. Have fun and be curious!







## RECOMMENDED READS

# Cuddle Up

WITH A GOOD BOOK

**My Five Senses**  
by Alik

**White Rabbit's Color Book**  
by Alan Baker

**The Toolbox**  
by Anne Rockwell

**The Earth Book**  
by Todd Parr

**Pull, Lift, and Lower**  
by Michael Dahl

**All About Light**  
by Lisa Trumbauer

**Stick and Stone**  
by Beth Ferry



## It Is Living

(To the tune of "Frère Jacques")

Look for items in the room or outside and decide if they are living or nonliving, then sing the verse that goes with each.

**It is living. It is living.  
This I know. This I know.  
It eats and breathes and grows.  
It eats and breathes and grows.  
It is living. It is living.**

**It's nonliving. It's nonliving.  
This I know. This I know.  
It can't change on its own.  
It can't change on its own.  
It's nonliving. It's nonliving.**

## Family Activities

### Take It Apart

Collect electronic items that are no longer working from yard sales, thrift stores or family and friends. Use real tools and safety gear to take the items apart, then explore the parts and pieces together. Use the parts to create a structure, a sculpture or a new "invention."

