

Home Math Learning

Developed by: Dr. Sandy Youmans, Edward Schroeter, Melanie Martin and Tara McLean

Math is all around us, especially at home. This calendar provides different home-based activities to help your child develop and maintain math skills during the summer. Each week focuses on a new concept. Feel free to change activities to suit your family's needs and do them as many times as you like. There is a link to detailed instructions for each activity. Happy math exploring!

AUGUST 2020

Early Years (K-1)

WEEK 4 PROBABILITY

Did you know...

The theory of probability helps us understand the likelihood of the occurrence of different events. It helps us make well informed and safe choices.

24 MONDAY

Always, Sometimes, Never Charades

Discuss the meaning of the words "Always", "Sometimes", and "Never" with your child. Take turns acting out some simple tasks/chores with your child and decide if they are done when they should be "Always", "Sometimes", or "Never". For example, brushing teeth, eating breakfast, washing hands, taking out the garbage. [Read detailed instructions here.](#)



25 TUESDAY

It's Impossible! Picture

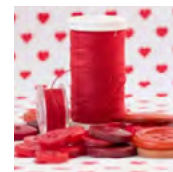
Discuss the words "possible" and "impossible" with your child. Give your child scenarios to decide whether they are possible or impossible. For example, is it possible or impossible for a person to fly to another place in an airplane? Have your child draw a picture of something that is impossible and then explain it to you. [Read detailed instructions here.](#)



26 WEDNESDAY

Are You Certain?

Experiments Discuss the difference between the words "certain" and "likely" with your child. Do a couple of probability experiments to see if your child is able to use the words properly. For example, place six red buttons in a bag and ask your child if it is certain or likely that you will pull out a red button from the bag. [Read detailed instructions here.](#)



27 THURSDAY

Unlikely and Impossible Sentence Starters

Discuss the difference between the words "unlikely" and "impossible" with your child. Use the sentence starters "It's unlikely that ____, but it's impossible that ____". For example, it is unlikely that a baby will be born with teeth, but it is impossible for a baby to walk when it is born. [Read detailed instructions here.](#)



28 FRIDAY

Simple Probability Experiments

Review the probability language you worked on all week. Do some simple probability experiments, like a coin flip, having your child predict the outcome using the proper vocabulary. [Read detailed instructions here.](#)

