



THE COMMISSIONER'S
2021 SUMMER
MATH
CHALLENGE

Connecticut's Summer Math Passport **Family Learning Hike**



Students Entering Grade K

Count how many steps it takes for you to get from the car to the trail.

Students Entering Grade 1

When you are on your hike look for items to compare. What do you notice about the items?

- Trees — Which is taller?
- Rocks — Which is heavier?
- Sticks — Which is longer?

Explain how you know.

Students Entering Grade 2

Think about telling time to the nearest hour and half hour. About what time did you start your hike? About what time did you end your hike?

Students Entering Grade 3

Find out what the high and low temperature will be for the day of your hike. What's the difference between them?

Students Entering Grade 4

Mark your starting time and ending time. How much time elapsed during your hike?

Students Entering Grade 5

Find out the distance of the trail you will hike today. Convert the distance from miles into feet? About how many yards is that?

Students Entering Grade 6

Find out what the distance will be for today's hike. How far will you go if you walk halfway? How far will you go if you walk $\frac{2}{3}$ of the way?

Students Entering Grade 7

Take a walk around your neighborhood. Use a pedometer or another method for keeping track of your steps to see how many steps you take in 12 minutes. Use this knowledge to help you determine how many steps you would walk in 2 hours.

Students Entering Grade 8

Measure the distance and time for you to walk a trail. Can you use a proportion to determine the time it would take if your trail was 13 miles?