

MATH OUT A WINDOW

Where can you find math out a window?

Look out a window. What do you see?

What signs of seasonal changes can you notice?

How many living things do you see?

Record your findings using pictures, numbers, tallies, a table or chart.

What shadows do you notice outside? Draw the same shadow at three different times during the day. Record the times. What do you notice?

How long or wide do you think the shadow is?

What patterns or shapes can you find in the world outside your window?

Are the patterns and shapes you see different in natural things and human-created things?

What is the farthest away thing you can see?

What is the closest thing you can see?

What units could you use to estimate these distances?

What sounds do you hear outside your window? How could you measure sound?

What kind of scale or rating could you use to record the sounds you hear?

What other math ideas come to mind as you look out a window?