

# 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?**