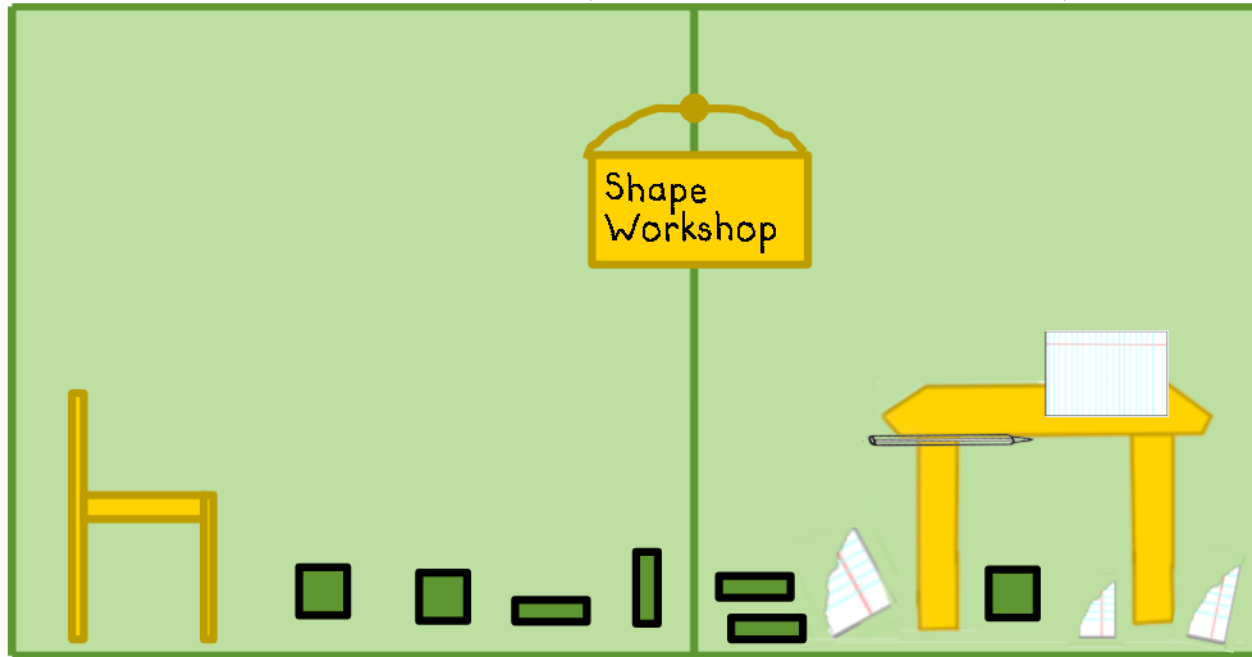


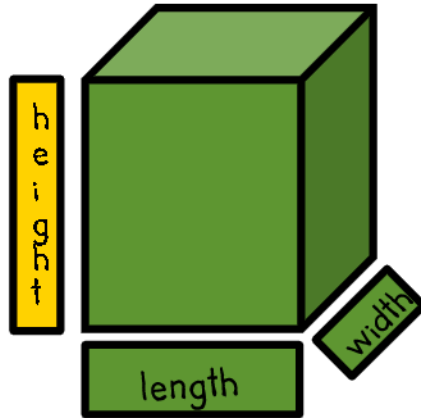
How do we draw a cube
for the Shape Workshop?



In this lesson you will learn
how to draw a cube by
examining its attributes.

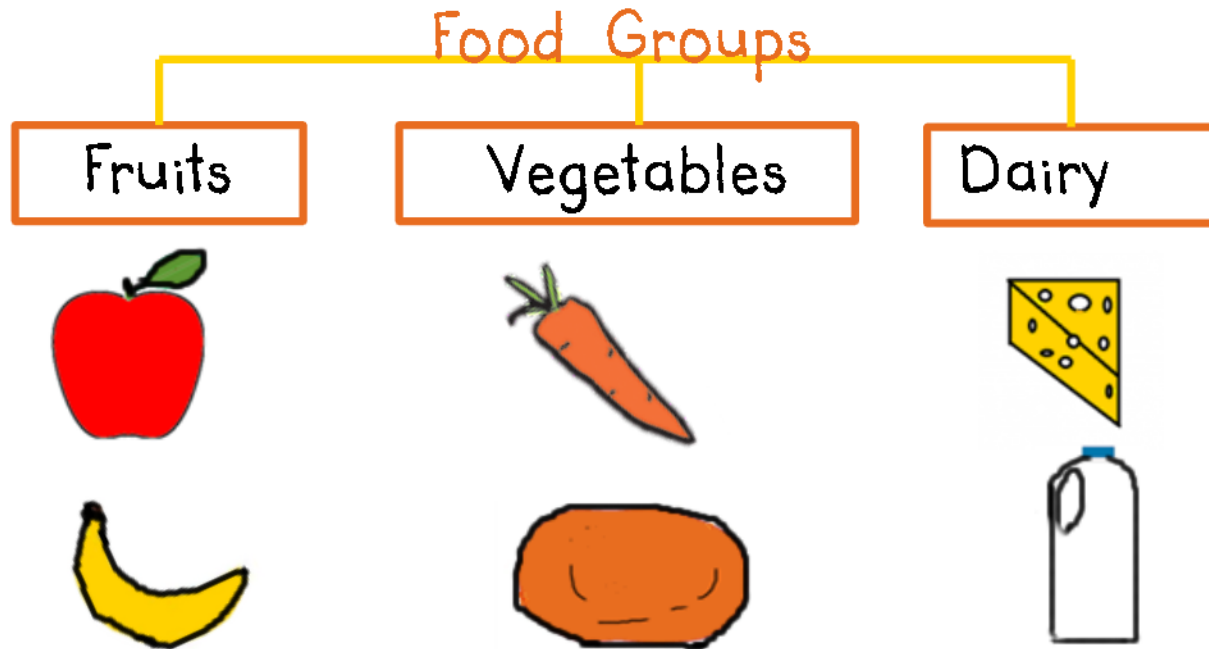
Let's Review

As workers at the Shape Workshop, we need to identify 3-dimensional shapes. 3-d shapes have length, width, and height.



Let's Review

Attributes are categories we use to describe objects.



Let's Review

What are the attributes of a cube we should be looking for as we construct shapes at the Shape Workshop?

3-d shape

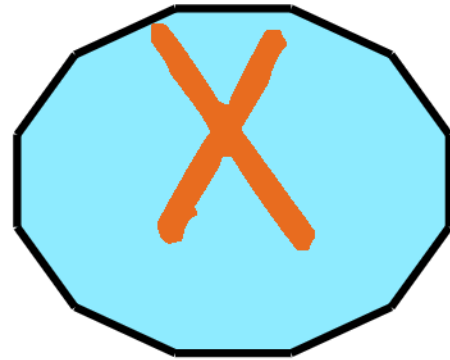
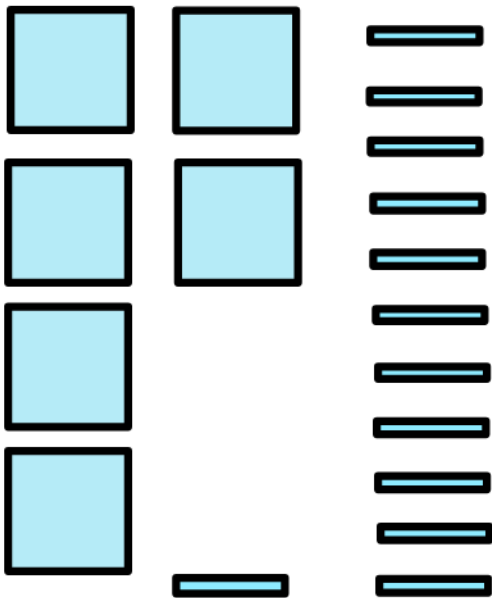
12 edges

6 faces

8 vertices

Core Lesson

The boss at the Shape Workshop gave us 12 thin pieces of wood and 6 square pieces of wood. What shape could we construct?



Core Lesson

We have 6 square pieces of wood left! What could we do with those 6 pieces of wood?

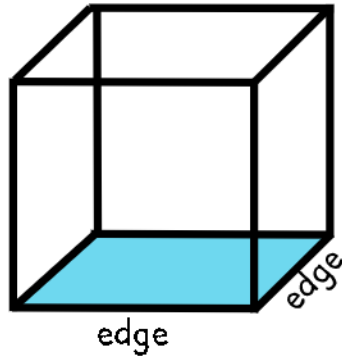


What shape
could I make?

3-d shape!

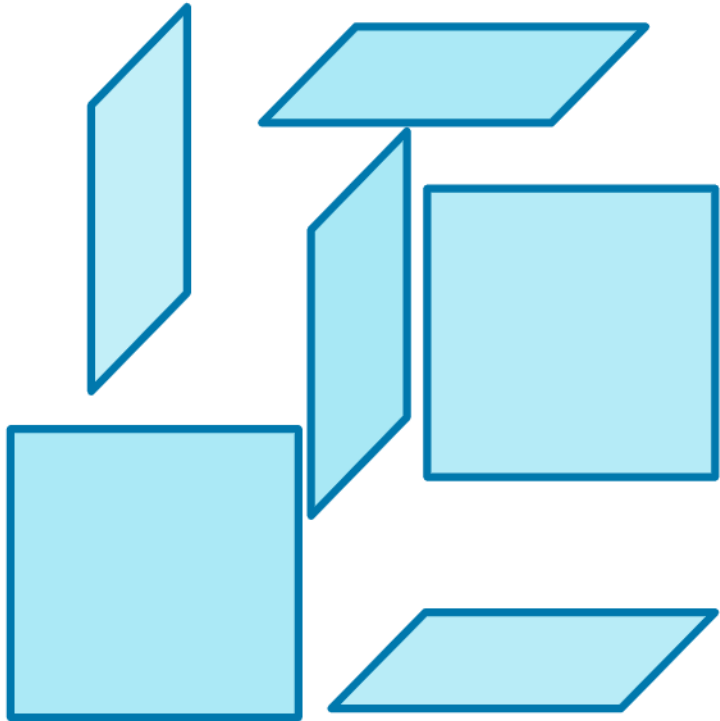
Core Lesson

Let's take the 12 long, thin pieces and create 12 edges.



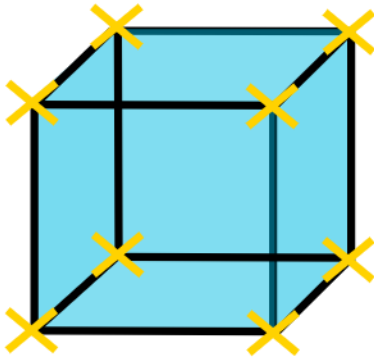
Core Lesson

Our 6 pieces of wood could be the faces.



Core Lesson

Our 3-d shape would have 8 vertices.



3-d shape

In this lesson you have
learned how to draw a cube
by examining its attributes