
GAME!
TIME.

Learning Goal

We are learning to notice and name 2D and 3D shapes.

We are learning to sort 3D and 2D shapes by their vertices, edges, lines, faces, and sides.

We are learning to create 3D shapes.

We are learning to notice if shapes are similar or congruent and see if shapes have matching halves.

Success Criteria

I can explain the difference between 2D and 3D shapes.

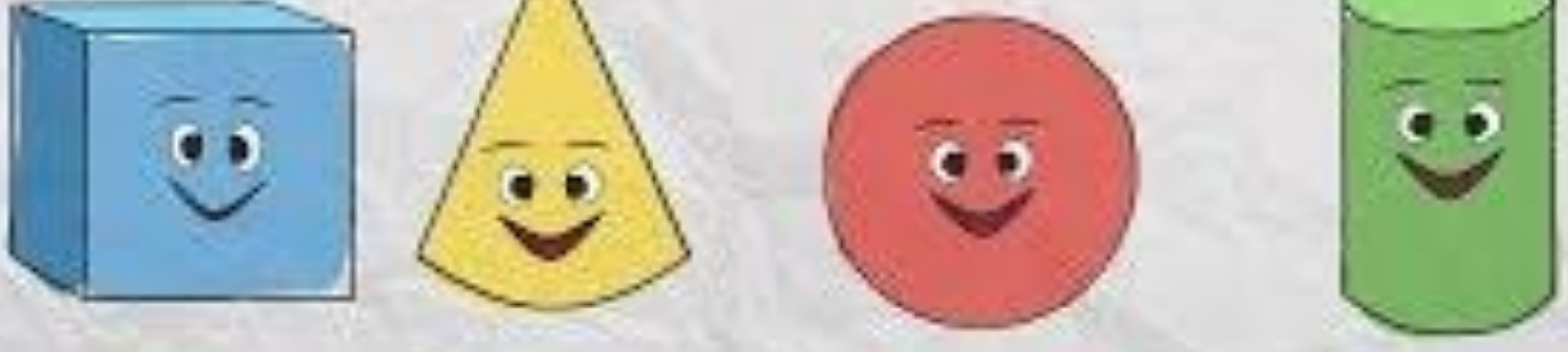
I can describe the 2D shapes on 3D shapes.

I can sort shapes in different categories when I am given a description of types of shapes (ie., shapes with only straight lines, shapes with vertices.)

I can make 3D shapes from different materials (paper, dough, etc.,)

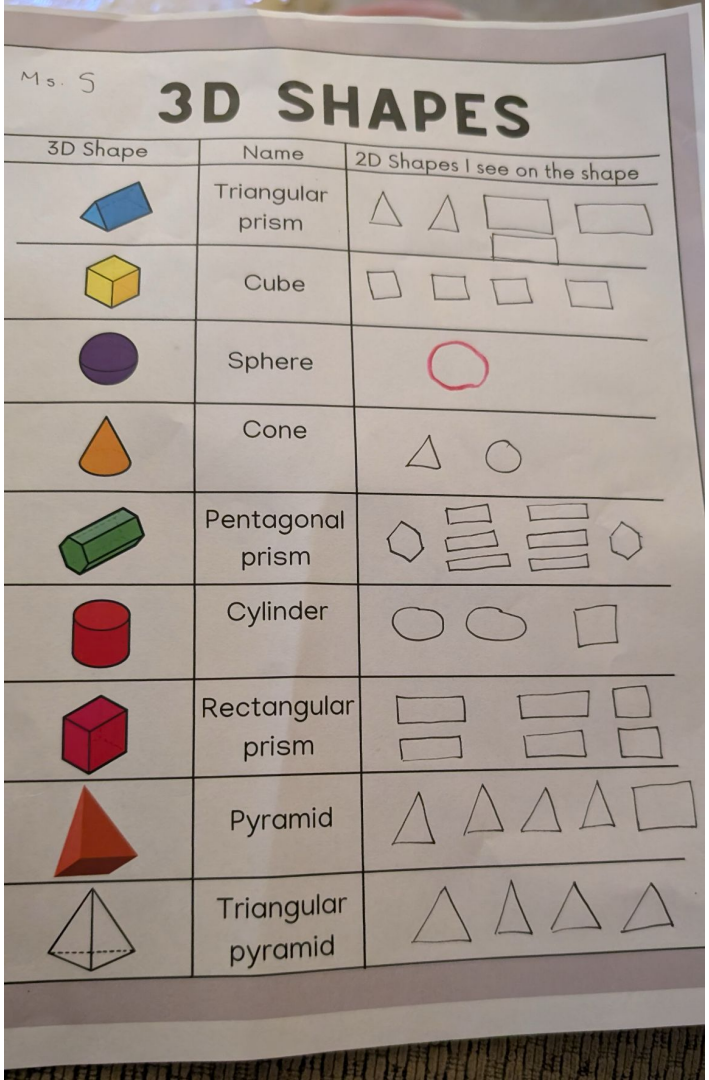
I can explain what congruent shapes are and use them to create new shapes.

3D SHAPES



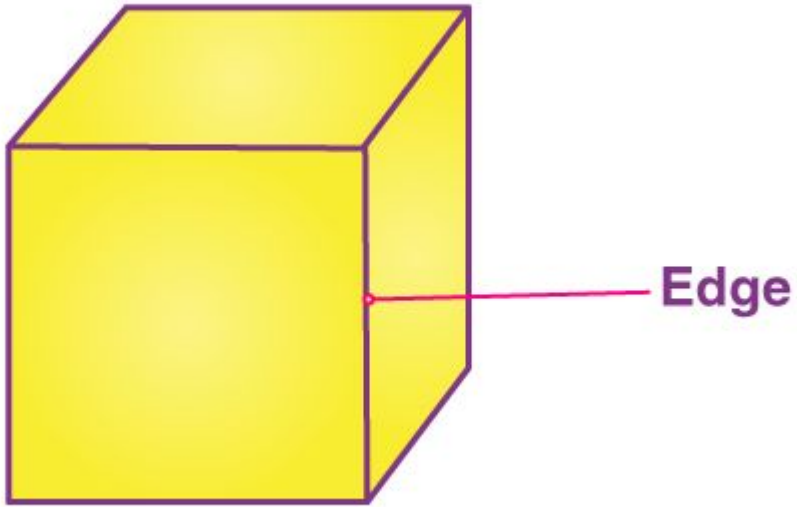
Faces

A flat or curved surface on a 3D shape
The 2D shapes on the 3D shape



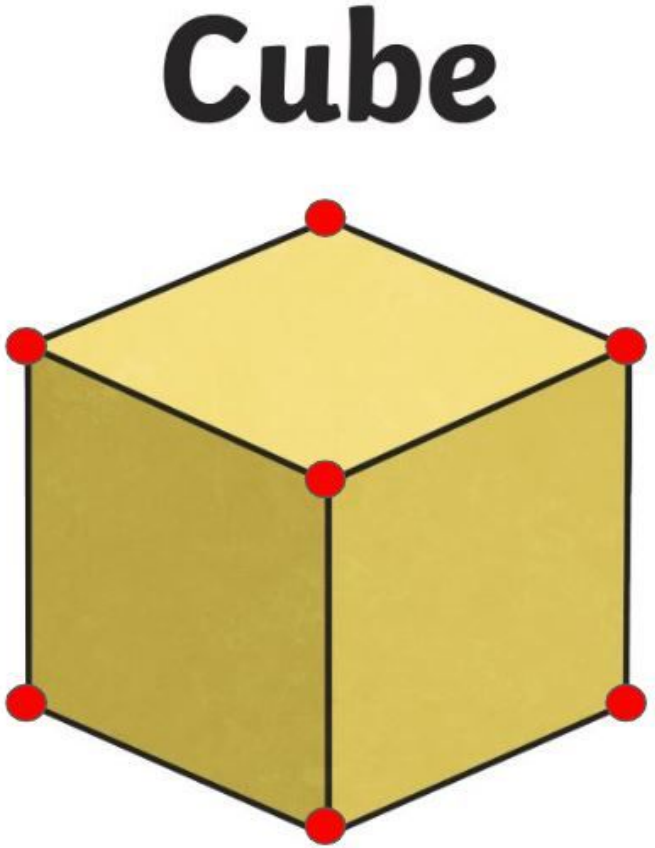
Edges

where two faces, on a shape, come together



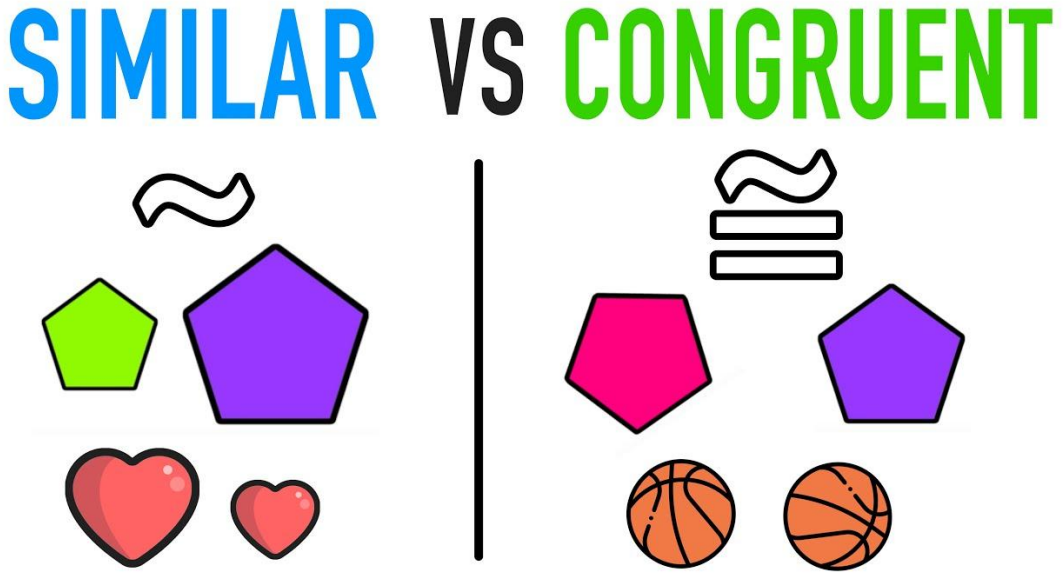
Vertices

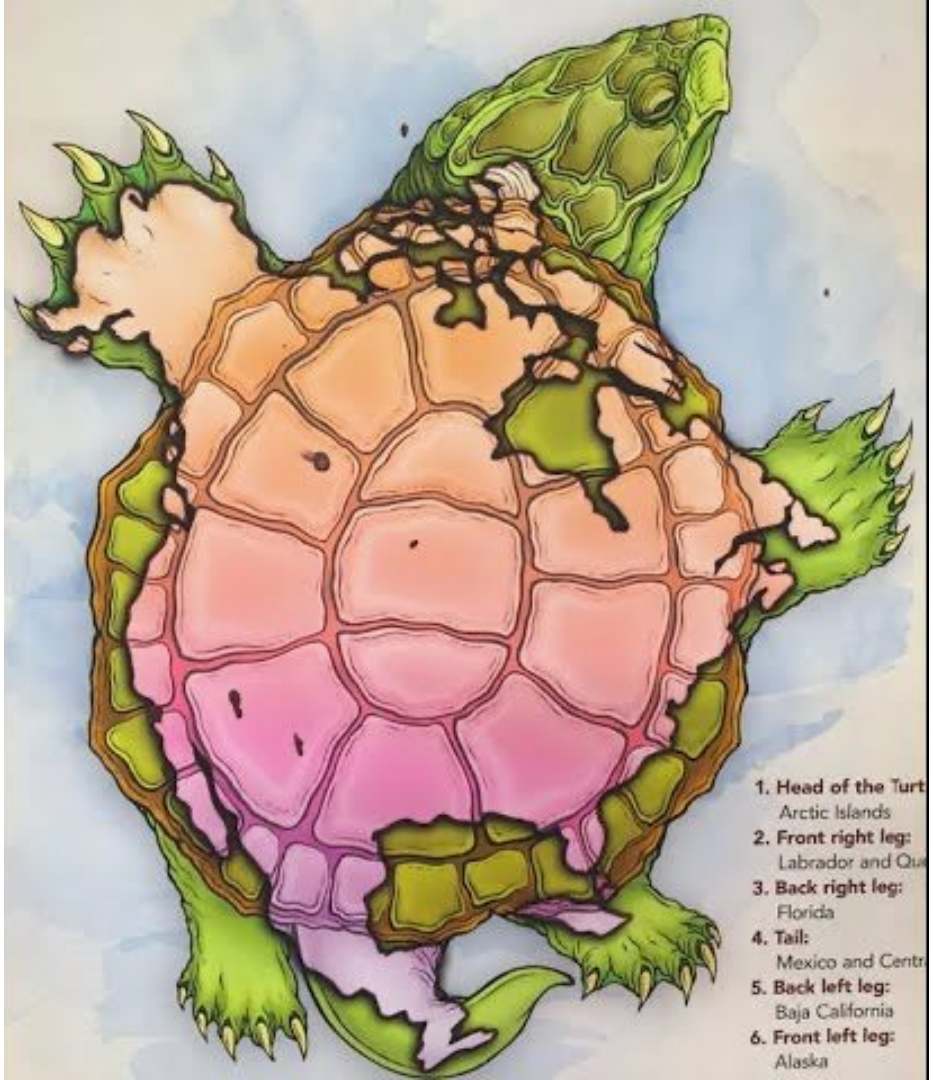
The corner of the shape



Congruent

It means that shapes are exactly the same size and shape!
SAME SHAPE SAME SIZE



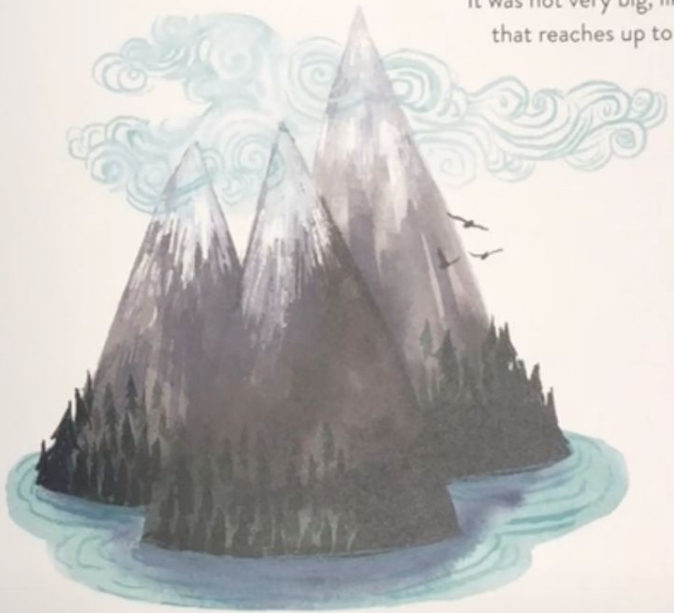

1. Head of the Turt
Arctic Islands
2. Front right leg:
Labrador and Qu
3. Back right leg:
Florida
4. Tail:
Mexico and Centr
5. Back left leg:
Baja California
6. Front left leg:
Alaska


LITTLE LAND
by Diana Sudyka

ONCE

there was a little bit of land.

It was not very big, like a mountain
that reaches up to the clouds.



It was not very tiny, like an island of moss
in the middle of a rushing creek.

It was somewhere in between
and just big enough for the life that lived upon it.

It had existed for a very long time.
It had not always looked as it does now.


Five hundred million years ago,
it may have looked like this.
Or sixty-seven million years ago,
a bit like this.
There was even a time, about one hundred thousand years ago,
when it was covered in thick layers of ice.
It was very cold, and life seemed to have left for good.


Eventually, over many years, the ice melted and water flowed, reshaping the land.
Life began anew.

Change was ever present, but one thing remained constant:
The land provided for all the life that lived upon it.

It provided soil rich in nutrients to help plants grow,

flowers with nectar for insects,

rivers for fish to swim in,

and food for birds,

bears, and all other kinds of animals

and their families.


Change was not always slow and small. Sometimes it was sudden and big.
A storm would come, a fire might start, and the land would burn.
Sometimes it burned so much that
what remained was no longer recognizable.


But even fire belonged to the land.
And eventually life and
land would find a way
to begin anew.

But some change does not belong to the land. It belongs to people.

Not so very long ago, people built a house on this little bit of land.

As the years passed, more people moved in.

More and more houses

and more and more buildings, factories, cars, and power plants were constructed.


Until the land was so covered, many rarely thought of it anymore . . .
except when they wanted to take from it.
Then they dug into the land, too,
for everything they needed
to make those buildings, factories,
cars, and power plants work.

At first no one noticed that there was a problem.

Well, maybe some did.


Change was slow in the beginning, but it gained power.
Life and land creaked and slid . . .
a tip, tip, tipping out of balance.
Every change was faster than the one before, and it kept going until . . .


. . . it seemed unstoppable.

But even when things seem unstoppable,

unrecognizable,

and beyond repair . . .


. . . look closely,
and listen, too.
Can you hear the
little land talking
to you?
With help and care, life and land can find a way . . .

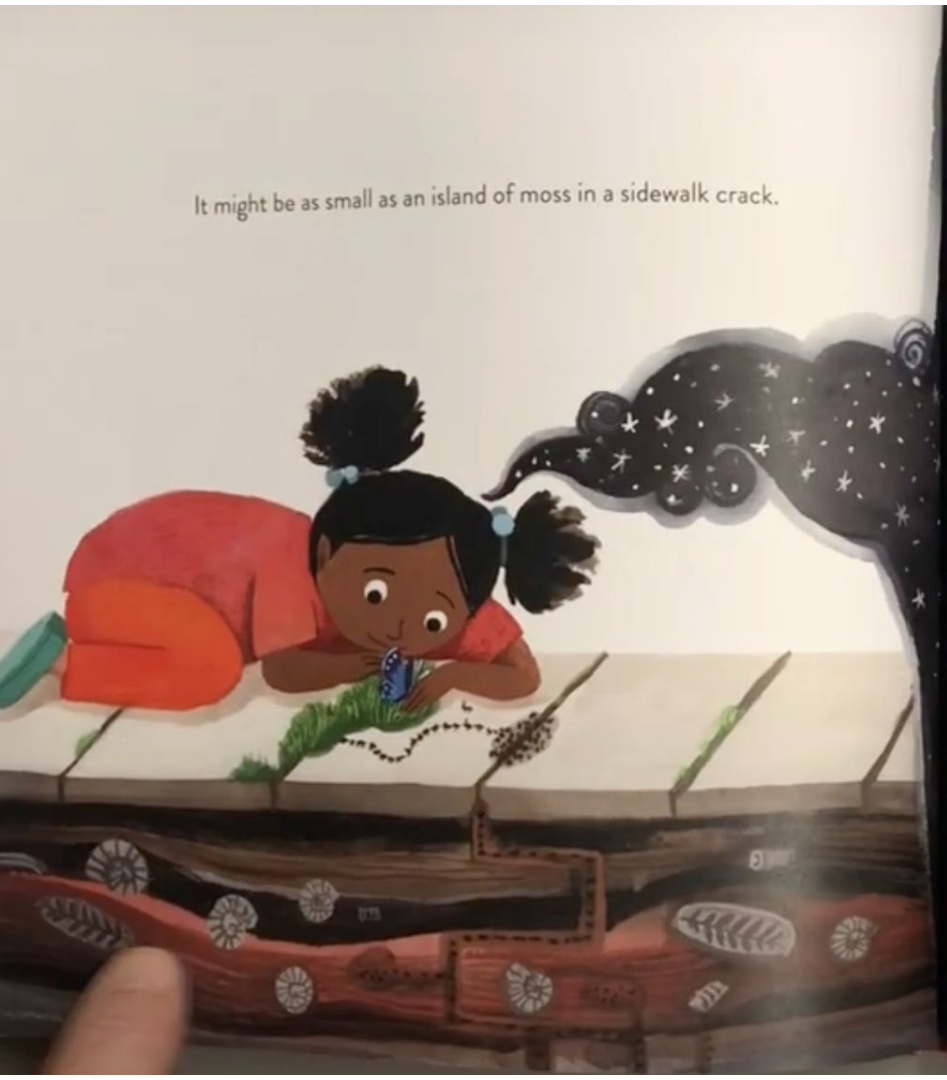

. . . to begin anew.

Do you know a little bit of land?

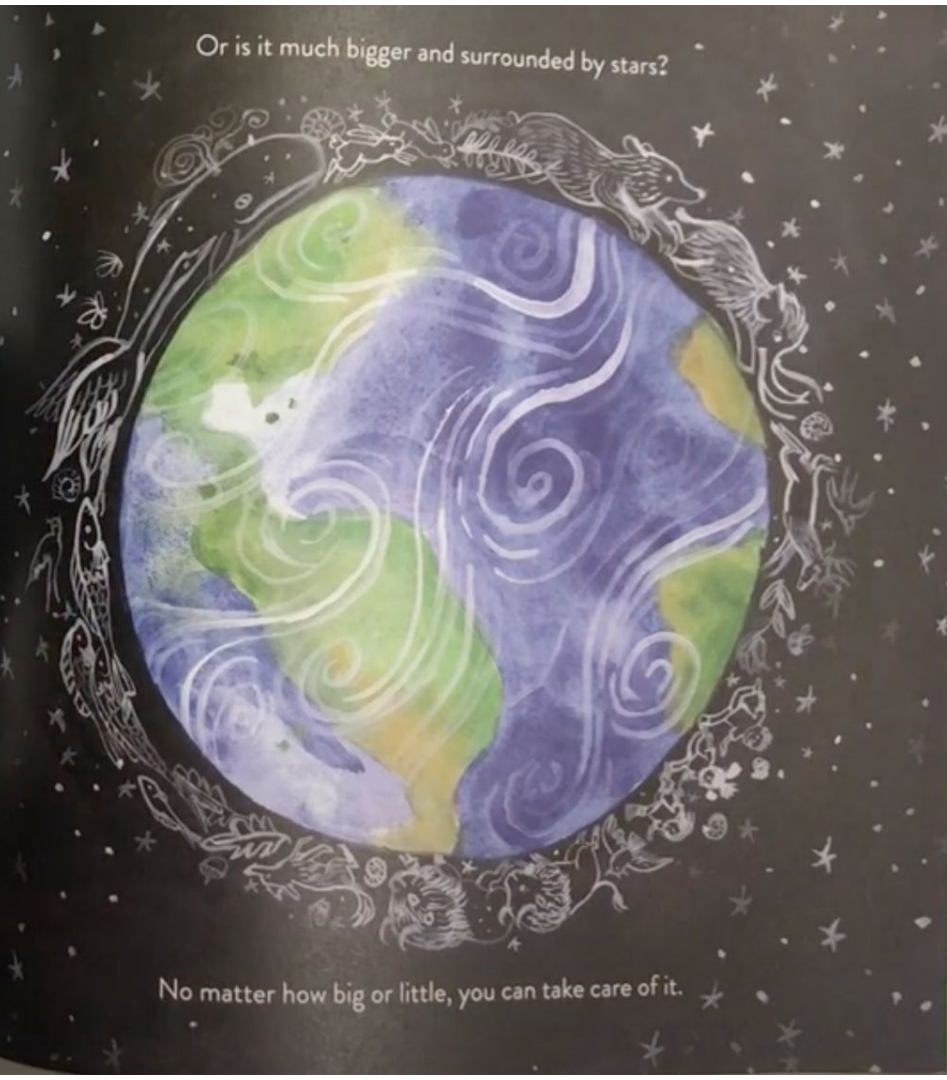
Is it in a backyard,
a forest, or a garden?

Maybe it is in a clay pot by your window.

It might be as small as an island of moss in a sidewalk crack.



Or is it much bigger and surrounded by stars?



No matter how big or little, you can take care of it.


And when you give love to something,
it will give back to you.


M2L
SHAPE
SHIFTING

Activity→ Make shapes with nature

Done early? Complete activities in your blue duotang