

Bite Size Learning

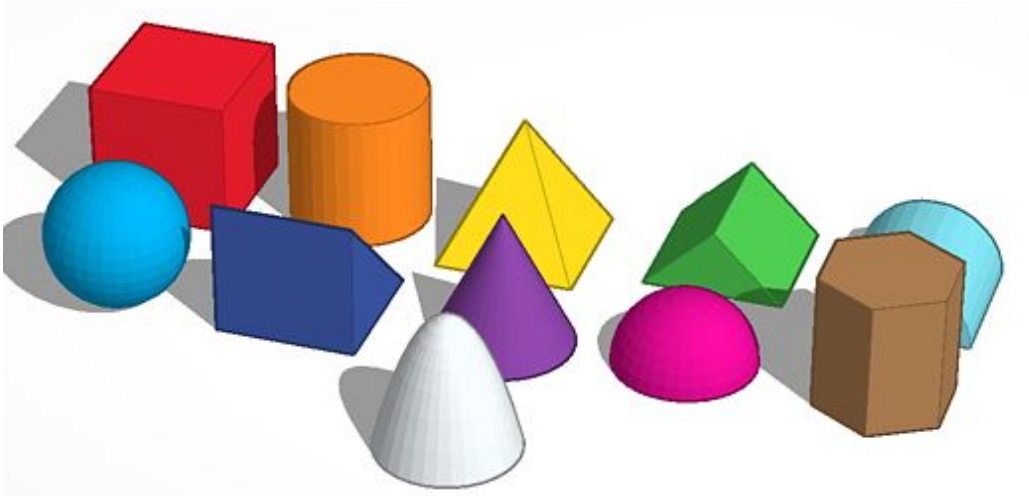
Break down an object into basic shapes (large to small)

Choose a picture and find an object to look at closely.

Challenge:

Can you break the object into simple shapes?

What shapes does it contain? How many?



Design and build (small to large)

Take some time to hold and play with the boxes and other objects.

Challenge:

Use the tape to construct a larger object using the smaller shapes.

Design Tips:

- Out of ideas? Use the Wright Brothers or a hobby if you need a starting point.
- Let it grow on it's own. It doesn't have to be a real thing.
- Start over. Ideas may come to you as you build.
- Try to build something from a picture or object in the room.

Share and Reflect

- Take a picture of what you made or share it with us.
- If time allows, try the TinkerCad station and think about the difference between 3D and real world modeling. What is harder or easier with each style?
- You used spatial reasoning for this challenge. Can you guess what it means?
- Can you see a connection to why experts suggest we limit screen time for kids?