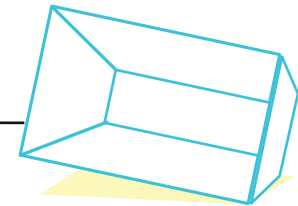


PARENT NOTES: DEPTH PERCEPTION!

DEPTH PERCEPTION BOX



Today we built a depth perception box to understand how our eyes work together in pairs to tell our brain how far away something is, and how much harder it is to tell how far away two things are from each other with only one eye.



ASK YOUR CHILD

What did you make today?

(Depth perception box)

How does that work?

(When you look through the hole in the box with one eye you see two circles, and have to guess which one is closest to you).

Why do we need two eyes?

(Our brain needs two eyes to make a picture, and to tell us how far away something is. When we only use one eye, our brain only gets half the information it needs to tell us how far away something is, so it's much harder for us!)

How long is my focal distance?

(They will measure the distance from your eye to your finger in front of your nose at the point that you see one finger not two with both eyes open)

Which is my dominant eye?

(They will make you create a triangle shape with your hands and hold it out, then look at something far away through it. As you bring your hands closer you will find the image moves when you close one eye at a time. The eye for which the image didn't move is your dominant eye).