

ASDN HOME LEARNING NUMERACY CHOICE BOARD

Place Value Cards

Remove the face cards from a deck. Choose 3 cards. What is the biggest number you can make? The smallest? How many can you make? Order them.

Perfect Pasta Multiples

Grab a handful of small pasta. Can you divide them into 2 equal groups? 2 points! 4 equal groups? 3? The highest points wins! What's are some good #s?

Aerodynamic Airplanes

Compare 2 or more designs of paper airplanes to see which ones fly the farthest. How accurate of a measurement can you get? Design instructions [here](#).

Unplugged Coding

Set up a 7 x 7 grid with facedown cards. Place 6 small toys on cards. Place a toy car in the start position. Give instructions for the car to reach the toys. Ex 3 steps forward. Turn left. 2 steps forward. etc.

Invent a snowy target game

Make snowballs, Decide what targets will give you points. A sled? A spot on the exterior wall (ask permission!). A tree? A circle drawn in the snow? Assign each target some points and get aiming!

Sandwich Fractions

Make some sandwiches for your family. Experiment with cutting them in different ways to show fractions. $1/2$, $1/4$, $1/3$, etc.

Tower of Hanoi

Play an interactive game to try and solve this ancient logic problem found [here](#). Or create your own version at home with 3 different sized circles.

Stick Digital Clocks

Find a few sticks that have blown off trees. Cut them all the same length. Use the sticks to create time like on a digital clock. What time is breakfast? Bed time?

Mapping Mania

Make a bird's eye view map of your room. Include measurements when possible. Now make one for your neighborhood. Remember to add details!

Shapes Walk

Go on a walk outdoors and look for different kinds of shapes. Create a tally to see which is the most popular shape. Design a graph with the data.

Flipping Fun

Using 2 different coins. Choose if you get a point with 2 matching heads, 2 matching tails, or one of each. Each player flips 20 times. Who wins?

Create a...

Board game!
Castle out of cardboard
DIY spinner
Set of 3D shapes with toothpicks and playdoh.