

STEM

Code a Traffic Sign

Learning Value:

This activity promotes development and learning by encouraging children to use imitation and symbolic representation in play and use large muscles to explore and interact with the environment. It also supports flexibility in thoughts, actions, and behavior and promotes early computer science skills.

Materials Needed:

- ▶ Traffic sign template cards (attached)
- ▶ Baking or other type of tray

Participants:

This activity is intended for adult/child interaction (2 or more players).

Directions:

Step 1: Print out the traffic sign template cards and cut out. Take turns looking at the cards and review them with your child. What movement is associated with each sign? Pretend you are vehicles moving on a road and act out the movement for each sign on the cards.

Step 2: Choose a player to go first. That player looks at the cards and places 4 cards in any order on the tray. The other player pretends to be a vehicle and follows the sequence of actions.

Step 3: Take turns creating sequences of cards. As a challenge, add more cards to the sequence and see how many the players can follow. You just created a picture code, promoting early computer science skills!

Bright Horizons.

World at Home



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