

1A. Picnic Sort: Food and Toys

Where’s the Math?

- Vocabulary

 - Alike
 - Different
- Math topic

Sorting

 - Sort objects into two groups

What You Need

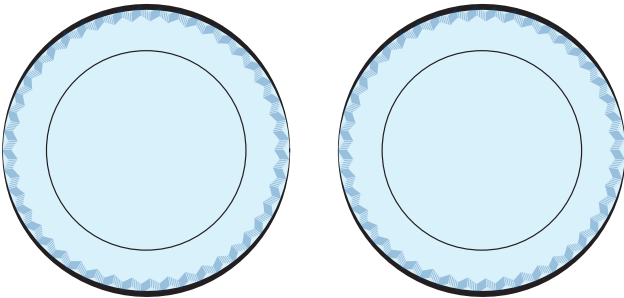
- Per child

 - 2 small paper plates
- To share

 - Food stickers and toy stickers, enough so each child has 10-20 to choose from

What to Do

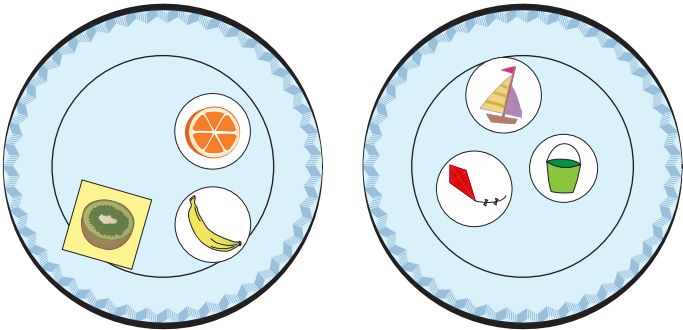
- 1 You bring the toys, I’ll bring the food
- Each person takes a paper plate.



- 2 Sort some stickers

Talk About

- Easy. Let’s find a toy sticker to put on your toy plate.
- Medium. How are the stickers on your plate **alike**?
- Hard. Find a sticker that does not go on your toy plate.



Try this at home

Sort grocery ads. Cut out pictures from grocery store ads. Sort into food and drinks or two other groups.



1B. Picnic Sort: Food and Drinks

Where's the Math?

Vocabulary

- Alike
- Different

Math topic

Sorting

- Sort objects into two groups

What to Use

Before beginning

Cut food and drink pictures from grocery store ads. Each child needs 10-20 to choose from.

Per child

- 2 small paper plates

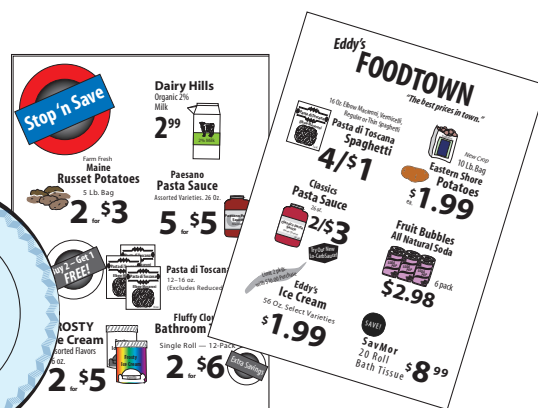
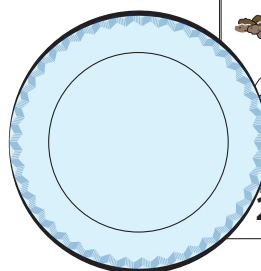
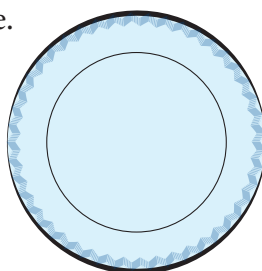
To share

- Food and drink pictures
- Glue sticks

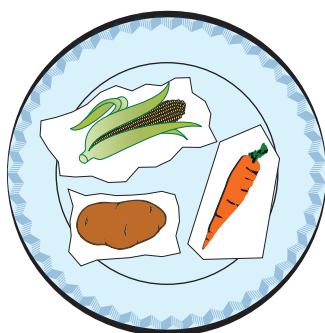
What to do

① You bring the food, I'll bring the drinks

Each person takes a paper plate.



② Sort some pictures and glue them down



Talk About

Easy. Let's find a picture to put on your food plate.

Medium. How are the pictures on your plate **alike**?

Hard. Find a picture that does not go on my drink plate.



Try this at home

Sort grocery ads. Cut out pictures from grocery store ads. Sort into healthy and less healthy or two other groups.

2A. Picnic Match Up: Color

Where’s the Math?

Vocabulary

- Alike
- Different

Math topic

- Sorting
- Sort objects by color

What to Use

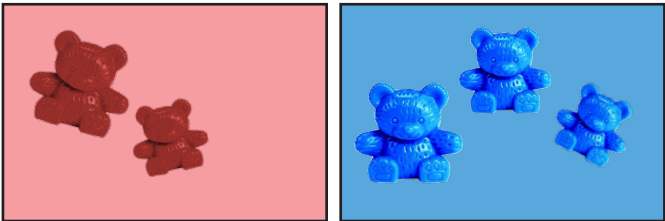
To share

- A few “picnic blankets” (half sheets of construction paper) in the same colors as the teddies
- **Four colors and three sizes** of about 50 teddy bear counters or other “teddies” (pompoms or buttons)

What to Do

① Match a few teddies to picnic blankets

- Easy: 2 different color blankets
- Medium: 3 different color blankets
- Hard: 4 different color blankets

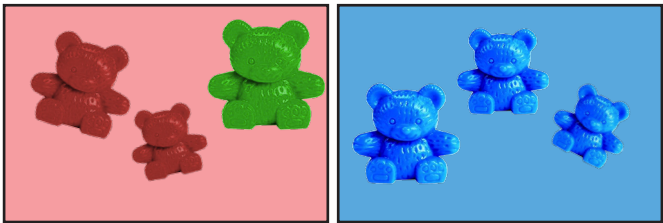


② Find the new teddy

An adult secretly puts a different color teddy on a blanket.

Talk About

How can you tell which teddy I added?

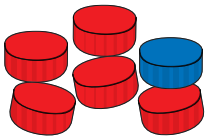


③ Switch roles

A child secretly adds a different color teddy. An adult finds it.

🏠 Try this at home

Odd one out. Sort milk bottle caps or marker caps by color. Secretly put in one of a different color for your child to find.



2B. Picnic Match Up: Size

Where’s the Math?

Vocabulary

- Alike
- Different
- Large
- Medium
- Small

Math topic

- Sorting
- Sort objects by size
- Measurement
- Recognize sizes such as small and large

What to Use

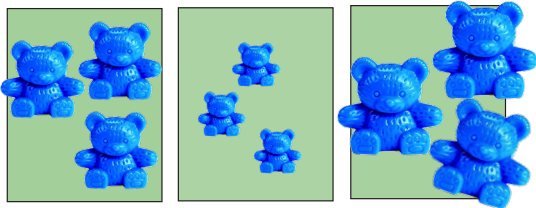
To share

- A few “picnic blankets” (half sheets of construction paper) in a different color than the teddies.
- **Four colors and three sizes** of about 50 teddy bear counters or other “teddies” (pompoms or buttons)

What to do

1 Sort a few teddies by size

- Easy:** 2 blankets, small and large teddies of the same color
- Medium:** 3 blankets, small, medium, and large teddies of the same color
- Hard:** 3 blankets, small, medium, and large teddies of different colors

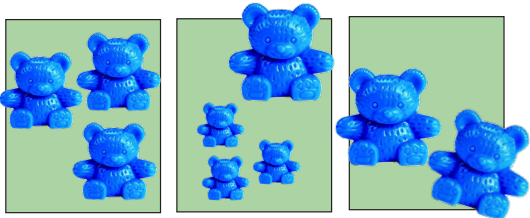


2 Find the new teddy

An adult secretly puts a different size teddy on a blanket.

Talk About

How can you tell which teddy I added?

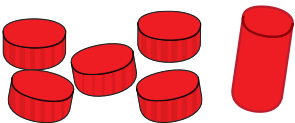


3 Switch roles

A child secretly adds a different size teddy. An adult finds it.

Try this at home

Odd one out. Sort milk bottle caps or marker caps by size. Secretly put in one of a different size for your child to find.



3A. Colors On Parade

Where’s the Math?

- Vocabulary**

 - First
 - Next
 - Pattern
- Math topic**

Patterns

 - Make a pattern with colors
 - Predict what comes next in a pattern

What to Use

- To share
- **Four colors** and **three sizes** of about 50 teddy bear counters or other “teddies” (pompoms or buttons)

What to Do

- ① **Make a pattern parade together**
- Easy.** Take turns adding one of each color.



Talk About

How do you know what color goes **next**?

Medium. Take turns adding two of each color.



Hard. Take turns: the adult adds one, and the child adds two.



Repeat until each person has had a few turns.

- ② **Parade!**
- Call out the colors of the teddies in your parade while you march.

Blue! Green green! Blue! Green green!

Try this at home

Active patterns. Make up a pattern of different actions together. For instance, wave your arms, jump, repeat!

3B. Sizes on Parade

Where’s the Math?

- Vocabulary**

 - First
 - Next
 - Pattern
 - Large
 - Medium
 - Small
- Math topic**

Patterns

 - Make a pattern with sizes
 - Predict what comes next in a pattern

Measurement

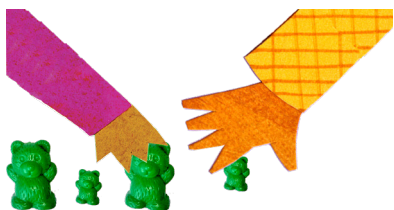
 - Recognize sizes such as small and large

What to Use

- To share
- **Four colors** and **three sizes** of about 50 teddy bear counters or other “teddies” (pompoms or buttons)

What to do

- ① **Make a pattern parade together**
- Easy.** Take turns adding one of each size.



Talk About

How do you know what size goes **next**?

Medium. Take turns adding two of each size.



Hard. Take turns: the adult adds one, and the child adds two.



Repeat until each person has had a few turns.

- ② **Parade!**
- Call out the sizes of the teddies in your parade while you march.



Try this at home

Active patterns. Make up a pattern of different actions together. For instance, tap your head, stamp your foot, clap, repeat!

4A. Make a Color Pattern

Where’s the Math?

- Vocabulary**
 - First
 - Next
 - Pattern
- Math topic**

Patterns

 - Make a pattern
 - Predict what comes next in a pattern
 - Describe a pattern

What to Use

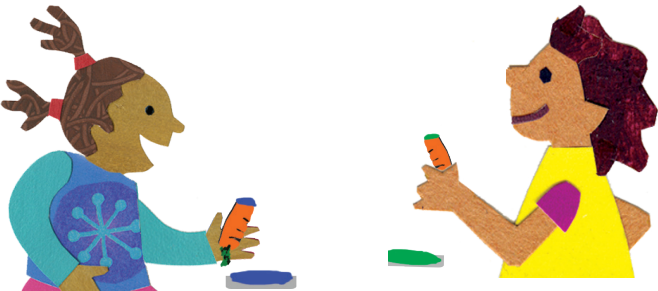
- Before beginning**

Cut across two long carrots to make a few stamps.
- Per child**
 - Piece of construction paper
- To share**
 - Carrot stamps
 - Two trays of tempera paint, each a different color
 - Paper towels

What to Do

① Experiment

Talk About What will happen when we dip the carrot in paint and stamp it?



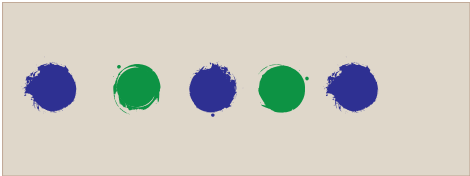
② Make a stamp pattern together

Each person uses a different stamp and color.

- Talk About**
- Easy.** Blue, green, blue, green ... blue goes **next**.

Medium. How do you know what color goes **next**?

Hard. Describe our **pattern** so someone could make one just like it.



Try this at home

Make your own vegetable stamps. Dip them in paint to make patterns and pictures.

4B. Make a Size Pattern

Where's the Math?

Vocabulary

- First
- Next
- Pattern

Math topic

Patterns

- Make a pattern
- Predict what comes next in a pattern
- Describe a pattern

What to Use

Before beginning

Cut across a large carrot and a small potato to make stamps.

Per child

- Piece of construction paper

To share

- Carrot and potato stamps
- Tray of tempera paint in a bright color
- Paper towels

What to do

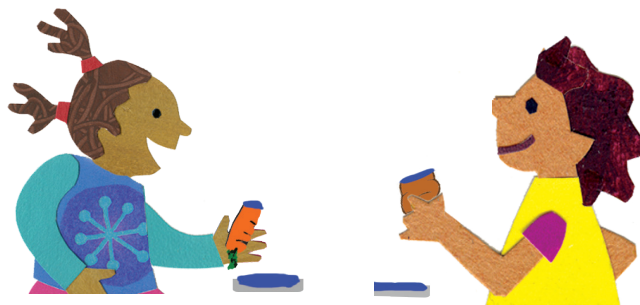
① Experiment

Talk About

What will happen when we dip these into paint and stamp them?

② Make a stamp pattern together

Each person uses a different stamp.

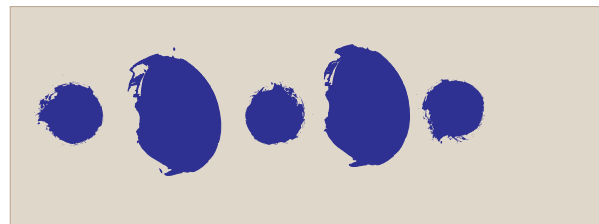


Talk About

Easy. Carrot, potato, carrot, potato ... carrot goes **next**.

Medium. How do you know what goes **next**?

Hard. Describe our **pattern** so someone could make one just like it.



Try this at home

Make your own vegetable stamps. Dip them in paint to make patterns and pictures.