

BREWING UP SOME STEAM

TASTY CHEX MIX SETS!

Explore the properties of sets! A set is a group of objects that are alike in some way. We can sort objects into sets by their shape, color, size, thickness, flavor, and more!

Materials you Will Need:

- one snack bag of Chex Mix
- pencil

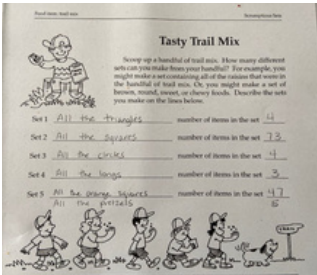
DIRECTIONS

Instructional video:

York Public Library YouTube Channel



1) Open up your snack bag of Chex Mix. How many different sets can you make from your snack bag? You can start by sorting it into piles of different types of crackers or cereal bits.



2) Try sorting your piles in as many different ways as possible. Can you sort them by:
color? texture? shape? flavor?

Record your discoveries on the back and count up the number of items in your different sets.

Set 1: _____ Number of items in this set: _____

Set 2: _____ Number of items in this set: _____

Set 3: _____ Number of items in this set: _____

Set 4: _____ Number of items in this set: _____

Set 5: _____ Number of items in this set: _____

Take this further:

Sets help us make comparisons, and put objects in order. Sets make it easier to know what we have more or less of. Even counting requires knowing about sets!

Looking for more? Try this:

- Grab a handful of LEGOs and see how many different ways you can sort them into sets (size, shape, color...).
- Sort a group of favorite toys, such as stuffed animals, toy vehicles, or action figures in as many ways as you can.
- Play "guess my rule" with someone. Show them a set (or sets) you have created and ask if they can figure out what rule you followed to create your set(s) (ex. "I sorted these cars by color and these are all the red ones!").

Parent Connection

Learning about sets is basic to children's learning and thinking. Showing that the same grouping of items can be sorted in many ways encourages flexible thinking and problem solving.

