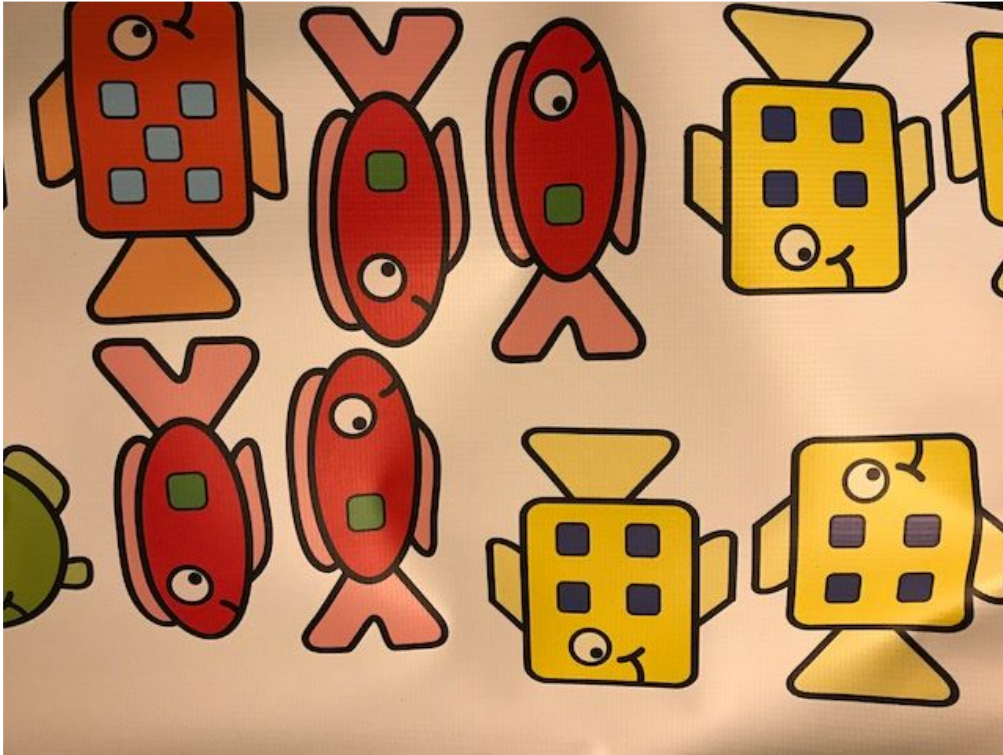


# HOW TO CREATE YOUR MANIPULATIVES

1. All of our manipulatives are shipped in large Heavy Duty waterproof 13 Mil Vinyl Sheets printed with various elements depending on which math mat you order. They are not only durable and will last for many years, but they can also be cleaned easily.

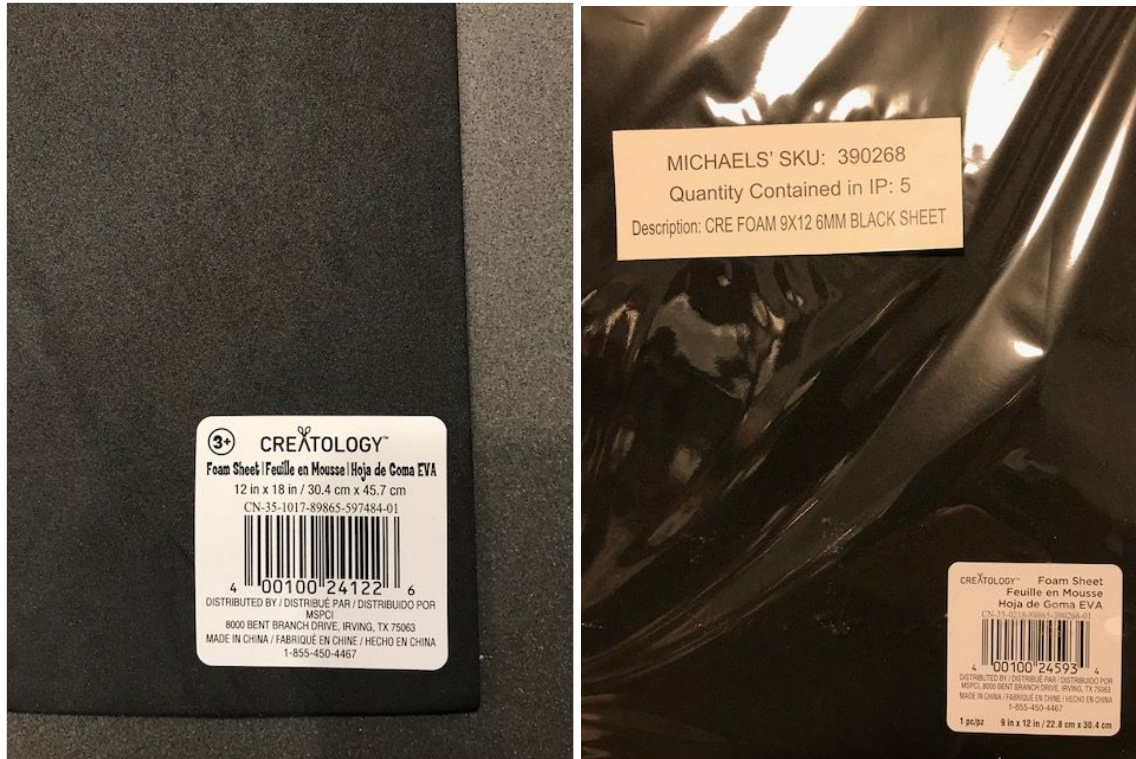


2. Using high quality sharp scissors, cut out your manipulatives.
3. We use Lepage Low Odor water based contact cement to glue the cut out manipulatives onto our foam sheets.



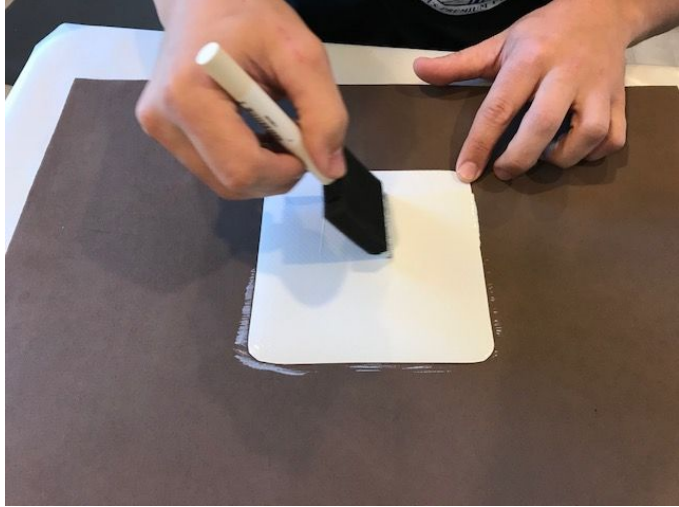
4. We recommend using 2 different thicknesses of foam sheets to glue the vinyl manipulatives onto.

Depending on which manipulative you are creating, the thick, 6mm 9" x 12" foam from Creatology is used for all of the recycling manipulatives in "Recycle Roundup" as well as the large fish for the "Adventure River". We will also use this foam for our coins in the "Money Game" from the "100's Grid", the spaceships for our "Cosmic Climb" and the pizza boxes for our "Pizza Fractions" game.



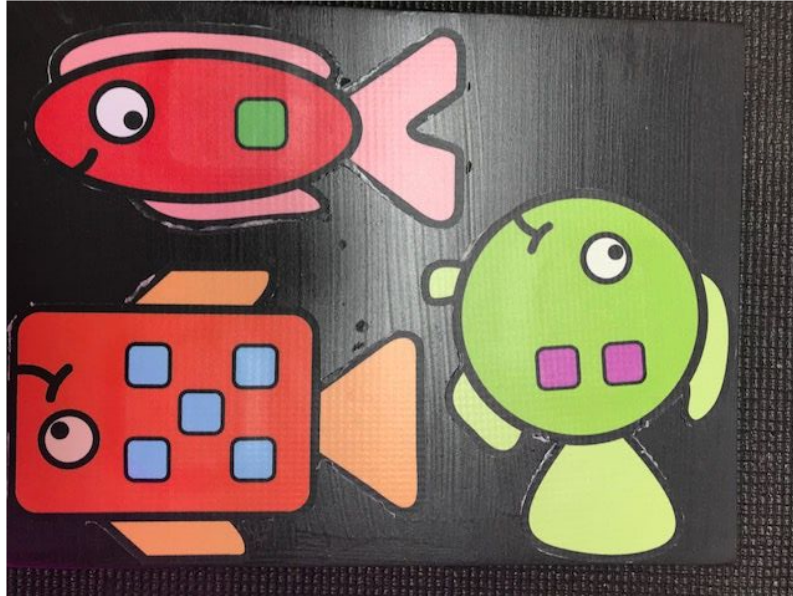
The thinner 12" x 18" sheets of foam are used on the paper money bills for the "100's Grid" money game, Caramel and Chocolate blobs for our "Half a Waffle" fractions game, and the yellow numbers for our "Place Value Double Track" game.

5. Using a foam brush apply the contact cement to the vinyl manipulative as well as your foam sheet. Let dry for about 5 minutes then press together. Push out any excess glue with a damp cloth or thick paper towel. Clean the surface of the vinyl before the glue dries.





6. Let the glue set for 24 hours after which time you can cut the foam sheets with your awesome scissors and strong fingers. Pace yourself as this will require some time and patience to cut all of the manipulatives attached to the foam.



7. The end result is worth it as you can see below !

