

# Make Moving Sand

ACTIVITY REFERENCE:

PBS Kids Video: [bit.ly/splash-and-bubbles-sand](http://bit.ly/splash-and-bubbles-sand) | PBS Video: [bit.ly/deep-look-amazing-life-sand](http://bit.ly/deep-look-amazing-life-sand)

Have you ever been to an ocean or maybe a lake with a sandy beach? Can you describe how the sand changes from dry to wet as you get closer the water? Whether you have experienced sand on the playground or at a beach it's always fun to discover how sand moves and molds in your hands. Before your start this activity, check out this book *Hello Ocean/Hola Mar* or another book about sand from your local library and read together. The next time you are around sand, bring some back to experiment with this recipe.

**ALERT!** We do use soap in this activity, so be aware if you or your child has a sensitivity to detergents.



Using a bowl and spoon, mix ¼ cup of cornstarch with dry sand.



Add your dish soap to the mixture using your hands to mix.



Slowly add drops of water and stir with a spoon. Keep adding until you have until the mixture feels evenly moist.



Mix the remain ¼ cup of cornstarch thoroughly.



Let mixture sit for 2 hours with no cover.



Now your moving sand is ready! Explore how it feels, moves and what shapes it takes.

## MATERIALS LIST

- 1 cup dry sand
- ½ cornstarch (split into two equal parts)
- ¼ cup water
- 1 tablespoon liquid dish washing soap
- Bowl
- Plastic baggie
- Metal spoon
- Measuring spoons and cups

## READ TOGETHER

- *Hello Ocean/Hola Mar*  
by Pam Munoz Ryan
- *Sea, Sand and Me*  
by Patricia Hubbell
- *Jump into Science: Sand*  
by Prager

## MADE POSSIBLE BY

