

# BOUNCY BALL PLANETS

**WARNING** — THIS SET CONTAINS CHEMICALS THAT MAY BE HARMFUL IF MISUSED. READ CAUTIONS ON INDIVIDUAL CONTAINERS AND IN MANUAL CAREFULLY. NOT TO BE USED BY CHILDREN EXCEPT UNDER ADULT SUPERVISION.

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4. Shake the mold from side to side gently to get the powder to settle.

5. Repeat steps 3 and 4, creating layers of your desired colors until the powder fills the mold all the way to the dotted line shown here.



6. Gently shake the mold one last time to make sure the powder doesn't settle any more. If it does, add some more powder.

7. Place the filled mold in the container of water. Make sure it is completely submerged. Swirl the mold a little and then rest it on the bottom of the container.



# THE SOLAR SYSTEM TO SCALE

Unlike the bouncy balls in this kit, the actual planets in our solar system are not all the same size.

If Earth was the size of a **golf ball** (1.7 in) ...

... Mercury would be the size of a **small grape** (0.7 in)!

... Venus would be the size of a **ping pong ball** (1.6 in)!

... Mars would be the size of a **small plum** (1 in)!

... Jupiter would be the size of a **beach ball** (20 in)!

... Saturn would be the size of a **globe** (16 in)!

... Uranus and Neptune would both be the size of a **large grapefruit** (6 in)!

... Pluto would be the size of a **small candy-coated chocolate** (0.3 in)!

... and the Sun would be enormous! It would be the length of a **midsize car** (15.5 ft)!

