

Shopping List for 3rd Grade: Astronomy

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How many of these items do you already have? We've tried to keep it simple for you by making the majority of the items things most people have within reach (both physically and budget-wise).

- 12" beach ball
- 2-liter soda bottles, 3
- aluminum foil
- assistants, 2
- baking soda
- balloons
- balls, 2 (one much larger than the other)
- bar magnet
- bicycle pump
- bottle cap from a 2-liter bottle
- bowl
- bright light source (not fluorescent)
- calculator
- car tire valve
- cardboard (or small piece of clay)
- chalk
- circular (disk) magnet
- clay (or volcano dough - see recipes)
- clear tape
- clock
- compass
- dark room
- dark, cloud-free night
- dollar bill
- drill (with adult help)
- empty CD case
- fingernail polish (red, yellow, green, blue)
- flashlight
- glass jar
- glass of hot water
- glass of ice water
- golf ball (or ping pong ball)
- grains of sand, 2 (or white sugar)
- handheld magnifying glass, 2
- horseshoe magnet
- hot glue
- index cards
- liquid crystal thermometers, 2
- liquid soap
- marbles (several, one that is shooter sized)
- marker
- masking tape
- measuring tape
- metal ball (like a ball bearing or a magnetic marble)
- milk (a few drops)
- musical instruments (triangles, glass bottles that can be blown across, metal forks, recorders, jaw harps, harmonicas, etc. Whatever you have will work fine.)
- old CD
- OPTIONAL: Baader film from Draco Productions
- OPTIONAL: duct tape
- OPTIONAL: glitter or confetti
- paper (white)
- pencil
- pennies, 10
- peppercorns, 3
- plastic wrap (or tape a plastic shopping bag flat)
- popcorn
- [printout of Stargazer's Almanac](#)
- protractor
- red food coloring
- rocks
- rubbing alcohol
- ruler
- scale (to weigh yourself)
- scissors
- skewer
- small bouncy ball
- small magnet
- steel washer (with 3/8" hole)
- stopwatch
- string
- strong magnet
- tack
- tape or chalk
- tennis ball and/or basketball
- towel
- vinegar
- water
- window
- [worksheet](#)
- yardsticks or metersticks, 2