

MATERIALS Standard Measuring Tools

Below is a **suggested** list of materials needed to complete all activities in this guide for a group of 24-32 students (~8 teams). In addition, for your convenience, a NASA BEST Kit is available for purchase from Science Kit/Boreal Laboratories (www.sciencekit.com/NASABEST/), which supports ~30 students.

Digital scale (1)

Graduated cylinder (1)

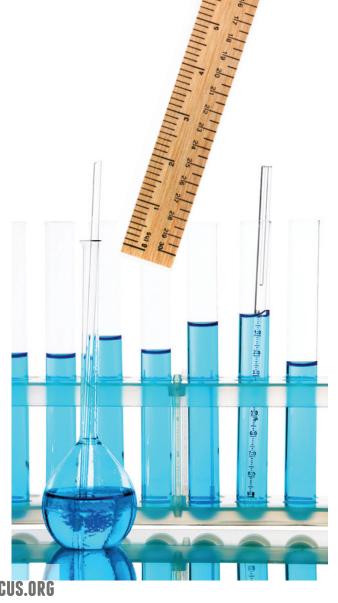
Meter sticks (1 per team)

Measuring tape (1)

Rulers (1 per team)

Stopwatches (1 per team)

Thermometers (2 per team)





Materials for Activities & General Building Supplies



aluminum foil

balloons, assorted

bamboo skewers

binder clips, assorted

blindfolds (1 per team)

bubble wrap

buttons or beads, assorted (~10 per team)

cardboard

card stock

cardboard boxes (1 per team)

c-clamps (at least two)

cheesecloth

clothespins (with springs)

cloth swatch, i.e. quilting square

coffee filters

colored pencils and crayons

cotton balls

empty paper towel tubes

empty toilet paper tubes

fishing line, ~20 lb. test, 5 m

film canisters

glow sticks (2)

glue sticks

index cards

mailing tube, 4" diameter or oatmeal canister

mini foil pie plates (1 per team)

modeling clay

paper bags

paper clips, assorted

pennies (at least 10 per team)

pipe cleaners

plastic cups

plastic eggs (1 per team)

plastic people (i.e. Lego® or Playmobil®)1

plastic wrap

popsicle sticks and/or tongue depressors

rubber bands, assorted

scissors

shoe boxes or similar size boxes

staplers and staples

stirrer sticks

straws

string

tape: masking, electrical, transparent and

duct tapes

wheels: i.e. model car wheels (plastic or wood), empty thread spools, or rotelle pasta

(4-6 per team)