



Teens as Teachers

Fluid Power Track Supply List

For each Teen Teacher:

- A notebook
- 4 syringes (2 different sizes – 2, 5, 10, 20 ml– no needles!) (to be mailed to coach)
- 2 – 30” pieces of tubing to fit exactly onto the syringes with an airtight seal (3 mm diameter is a likely size; available from scientific supply stores, hardware stores, or pet stores that keep fish) (to be mailed to coach)

For each Team:

- Mini hydraulics kit (to be mailed to coach)
- Hot glue gun for building the kit
- Various objects with different weights (dumbbells, book, rocks, cell phone, etc.)
- Basin of water
- A few books
- Gallon size bags
- A light box with a hinged lid (think Lipton tea bag box or shoe box)
- Balloons
- As many levers as you can find: scissors, nutcracker, hammer, cork screw or bottle opener, shovel, stapler, tongs, pliers, mouse trap, wheelbarrow, dolly truck or cart, wagon, tweezers, etc.
- 20 craft sticks
- Zip ties
- Paper brads or copper wiring
- Craft stick punch (or cropadile)
- Cardboard
- 2 – 5 ml syringes and tubing

Handouts:

1. “Do You Know Your Fluid Principles?”
2. “Levers Scavenger Hunt”
3. “Jack It Up” Lesson