

Topics for families for Science Week Expo 2017

CHEMICAL SCIENCES

- Mixtures
- Effects of heat and cooling
- Solids, liquids, gases
- Cooking
- Change

BIOLOGICAL SCIENCES

- lifecycles
- plant growth
- osmosis/chlorophyll test
- dependency - animals, humans, plants
- animal and bird adaptations
- food chains and webs

PHYSICAL SCIENCES

- air pressure/force
- push/pull forces
- toys that move
- levers, pulleys
- surface area, surface tension
- kinetic energy
- solar energy
- earth's rotation
- electrical circuits
- renewable and non-renewable energy sources
- gravity
- magnetism

EARTH AND SPACE

- water cycle
- centrifugal force
- solar systems
- weather systems
- planets
- Light and sound/ prisms