Learn About Air

**Station 1**

- **3 Stands**
- Keep the CO$_2$ graph available behind the other stands. Use with older youth and adults.
- Discuss climate change with the CO$_2$ graph (350 PPM = safe level)
- What is the number now?

**2 Mats + Atom Key**
- For 2 participants to build a model of air

**2 Brick Boxes**
- Fill with enough bricks for 2 participants - use Station Mat 1 to determine number and color.

---

Burning Fuel Produces CO$_2$

**Station 2**

- **2 Stands**
- 2 Mats + Atom Key
- For 2 participants to model what burning fuel produces: water and CO$_2$!
- Have participants turn over the mat and rearrange the same atoms into the products.

**2 Brick Boxes**
- Fill with enough bricks for 2 participants - use Station Mat 2 to determine number and color.

---

Burning Fuel Harms Health

**Station 3**

- **2 Stands**
- 2 Mats + Atom Key
- For 2 participants to model what pollutants are produced when fuel burns with less oxygen: soot and carbon monoxide. Both cause health problems.
- Have participants turn over the mat and rearrange the same atoms into the products.

**2 Brick Boxes**
- Fill with enough bricks for 2 participants - use Station Mat 3 to determine number and color.

---

Learn About Air Pollutants

**Station 4**

- **1 Stand**
- 2 Mats + Atom Key
- For 2 participants to build pollutants. Use the side with colors for younger children. Use the side with white blanks for older children.
- Explain good and bad ozone and other molecules.

**2 Brick Boxes**
- Fill with enough bricks for 2 participants - use Station Mat 4 to determine number and color.