

# Balanced Chemistry

## Objective:

Find the right balance of chemicals using the equipment provided.

## Intro:

You have run out of fuel and are drifting in the vast expanse of space. So... you should probably make more. The **mixture** is very precise though. It requires **equal parts by weight** of two solutions. That means the **weight** of both liquids needs to be the same. That's **weight**, not volume. You'll have to use the **gravity scale** to make sure the mixture is correct.

## How To?

**Step 1:** Use a **pipette** to fill **one test tube rack** with the **blue** mixture up to the **fill line** indicated on the test tubes.

**Step 2:** Then **slowly** fill the **other test tube rack** with the **yellow** mixture until the scale **balances**.

**Step 3:** Once you're sure the two are **balanced**, combine the mixture in the **container** labeled Spaceship Fuel.

