

MY BEST SCIENCE EXPERIMENTS FOR KIDS:

HUMAN BODY FOR KIDS:

BLOOD

STUFF YOU NEED:

1. BUCKET
2. WATER
3. RED FOOD COLORING
4. LITER JUG

INSTRUCTIONS

The human body has an average of 5.6 liters of blood.

STEP ONE: ADD RED FOOD COLORING TO WATER.

STEP TWO: TAKE A LITER JUG.

STEP THREE: MEASURE OUT 5.6 LITERS INTO A BUCKET.



HOW TO MAKE BLOOD

STUFF YOU NEED:

1. RED AND WHITE JELLY BEANS for red and white blood cells
2. RICE for platelets
3. CORN SYRUP OR OLIVE OIL for plasma
4. MIXING BOWL



INSTRUCTIONS

STEP ONE: MAKE UP YOUR HUMAN BLOOD FOLLOWING THE GUIDELINES BELOW:

- **White blood cells** (Leukocytes) are cells of the immune system defending us against disease. They make up approximately **1%** of the total blood volume in a healthy adult.
- **Red blood cells** (Erythrocytes) carry oxygen round the body. They are the most common cell and make up **40-45%** of its volume.
- **Platelets** are tiny cell fragments that circulate in the blood and help form blood clots when you cut yourself. The best answer I got was about **0.1%** of the total volume. Tip in a few rice grains!
- **Plasma** is the liquid component of blood and makes up **55%** of the volume.