

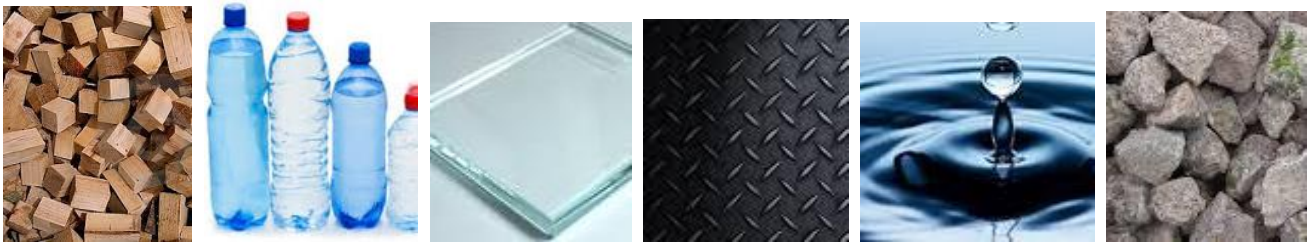


Today Science Club are going to be.....

## PANNING FOR GOLD!

### Materials

Identify the everyday sample materials: wood, plastic, glass, metal, water, rock.



What properties does rock have? \_\_\_\_\_

\_\_\_\_\_

What properties does metal have? \_\_\_\_\_

\_\_\_\_\_

What properties does water have? \_\_\_\_\_

\_\_\_\_\_

### Mixing Materials

You can make **mixtures** of **solids** like pebbles and sand, or peas & carrots. You can make a mixture of just about anything.

### Separating Mixtures

**Sieving** is sorting out the big bits from the small bits.

**Filtering** is separating solid bits from a liquid.

We are going to use these techniques to look for **gold!**



**Note to parents:** Today we have been panning for gold. Your child should have a sample of 'Fool's Gold' which is Iron pyrites.