

1. Temperature Sensor – General Purpose

This general purpose temperature sensor is the most commonly used sensor in the range. It can accurately measure the temperature of air, water, soil and weak acidic solutions, making it indispensable in all science departments. Housed in a stainless steel tube, it is resistant to dilute acids.

Ranges:

- -30°C to +110°C
- -22°F to 230°F

Applications include:

- Cooling rates
- Absorption of energy
- Solar energy
- Insulation investigations
- Animal behaviour
- River and pond studies
- Freezing and melting of water
- Energy content of foods
- Change of state
- Neutralisation reactions
- Greenhouse effect

| Code | Pack | Price |
|---------|------|--------|
| LOG3270 | Each | £46.19 |

2. Temperature Sensor – Fast Response

This sensor is extremely responsive as it features an exposed thermistor. It is ideal for determining changes in skin temperature, or for measuring air temperature in tight spaces.

Ranges:

- -30°C to +110°C
- -22°F to 230°F

Applications include:

- Biology: skin surface temperatures e.g. body mapping, changes due to exercise
- Chemistry: universal gas laws

| Code | Pack | Price |
|---------|------|--------|
| LOG3273 | Each | £44.41 |

3. Timing Mats

These mats (regular 59 x 17cm; large 72 x 39cm) are on/off switches, and are activated by stepping onto them; one mat starts the timer, the other stops the timer. A favourite activity for younger children is to find out how long they can stay in the air when they jump.

Applications include:

- How long can I stay in the air when I jump?
- How fast can I hop, walk and run?
- How many jumps can I do in a minute?

| Code | Description | Pack | Price |
|---------|-------------|------|--------|
| LOG3276 | Regular | Pair | £58.92 |
| LOG3279 | Large | Pair | £58.92 |

