



# Fizzics Education

## Hands-on Science Learning

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### ***Early Learning Teacher Development Workshop***

*“A great focus for those afternoon staff meetings!”*

The continual development of scientific communication skills is critical for effective teaching. This workshop is aimed at demonstrating cost effective experiments that have been shown to have a real impact on children’s understanding of scientific processes.

The workshop activities are arranged around a number of broad syllabus content strands that are present in the Early Stage 1 Science & Technology Syllabus. Focus is placed on experiments that children aged 3 to 5 can utilise, preparing them for entry to Kindergarten.

Participation in the hands on experiments is actively encouraged.

The content strands covered are as follows:

#### **Living Things**

- The human body is a complex system that needs to be understood and cared for

#### **Physical Phenomena**

- Forces and their effects
- Sources of energy
- Light and some of its characteristics
- Sound and some of its characteristics
- Heat and some its characteristics
- Electricity and some of its characteristics
- Magnetism and some of its characteristics

#### **Requirements**

Appropriate for up to 30 teachers (maximum). Duration is 90 minutes

6 tables arranged around the edge of the room.

Access to an OHP and whiteboard

Access to a sink with running water

Access to electrical power

Set up time 45 minutes. Pack up time 45 minutes.

#### **Cost**

\$165 inc. GST per session for Sydney metropolitan schools.

Country Schools please call to check availability.