

# Science Time

## EARLY EDUCATION TOOL KIT

### Series 2

*Play School Science Time is back with more fun science experiments! Using household items, children can discover their own way with DIY science experiments encouraging natural curiosity and understandings about their world. Join Alex & Michelle as they investigate, experiment and discover.*



### Time to investigate!

Each experiment in this 10-episode series explores key scientific concepts, supporting children to develop a range of skills and processes including;

- observing
- comparing
- classifying
- measuring
- communicating
- predicting
- hypothesising.

Michelle and Alex model the use of mathematical and scientific language as they hypothesise, problem-solve and invent. Play School Science Time ignites children's natural wonder and curiosity about the world and how things work through science, technology, engineering and maths (STEM).

STEM learning not only encourages children to think critically and creatively, it also creates the foundation for further skills and a lifelong love of learning! [Spend A Minute on STEM](#) via Early Childhood Australia before diving into these experiments with children.

View Science Time series 1 and 2 on [ABC Kids iview](#), or via the [ABC Kids app](#). Each episode is an engaging multimedia teaching resource, helping children communicate and learn through digital play.

<sup>1</sup> [Spend a Minute on STEM, Early Childhood Australia Professional Learning, 2020.](#)



## Follow-up learning experiences

This Science Time Early Education Tool Kit supports teachers and educators to go from *viewing to doing*. Re-creating each experiment with children will link to the following Early Years Learning Framework (EYLF) Learning Outcomes.

<b>EYLF Learning Outcome 4.1:</b>	Children develop dispositions for learning such as curiosity, cooperation, confidence, creativity, commitment, enthusiasm, persistence, imagination and reflexivity.
<b>EYLF Learning Outcome 4.2:</b>	Children develop a range of skills and processes such as problem solving, inquiry, experimentation, hypothesising, researching and investigating.
<b>EYLF Learning Outcome 5.1:</b>	Children interact verbally and non-verbally with others for a range of purposes.
<b>EYLF Learning Outcome 5.2:</b>	Children engage with a range of texts and gain meaning from these texts
<b>EYLF Learning Outcome 5.3:</b>	Children express ideas and make meaning using a range of media.
<b>EYLF Learning Outcome 5.4:</b>	Children begin to understand how symbols and pattern systems work.
<b>EYLF Practice 3:</b>	Learning through play
<b>EYLF Practice 4:</b>	Intentional teaching

