ELSA and VIC Foundation Level Curriculum

The Early Learning STEM Australia (ELSA) program has been developed by SPLAT Maths to map to the Victorian Foundation Level Curriculum. Each activity in our ELSA children's apps map to various content descriptors from the Victorian Foundation Level Curriculum.

Below is a list of content descriptors covered in the ELSA program:

Number and Algebra

- Establish understanding of the language and processes of counting by naming numbers in sequences, initially to and from 20, moving from any starting point (VCMNA069)
- Compare, order and make correspondences between collections, initially to 20, and explain reasoning (VCMNA072)
- Sort and classify familiar objects and explain the basis for these classifications. Copy, continue and create patterns with objects and drawings (VCMNA076)

Measurement and Geometry

- Use direct and indirect comparisons to decide which is longer, heavier or holds more, and explain reasoning in everyday language (VCMMG078)
- Connect days of the week to familiar events and actions (VCMMG080)
- Describe position and movement (VCMMG082)

Statistics and Probability

- Answer yes/no questions to collect information and make simple inferences (VCMSP083)

Science Understanding

- Living things have a variety of external features and live in different places where their basic needs, including food, water and shelter, are met (VCSSU042)
- Daily and seasonal changes in our environment affect everyday life (VCSSU046)
- The way objects move depends on a variety of factors, including their size and shape (VCSSU048)

Science Inquiry skills

- Respond to and pose questions, and make predictions about familiar objects and events (VCSIS050)
- Participate in guided investigations and make observations using the senses (VCSIS051)
- Compare observations and predictions with those of others (VCSIS054)
- Represent and communicate observations and ideas about changes in objects and events in a variety of ways (VCSIS055)

Science as a Human Endeavour

- People use science in their daily lives (VCSSU041)

Digital Technologies Knowledge and Understanding

- Identify and explore digital systems (hardware and software components) for a purpose (VCDTDS013)
- Recognise and explore patterns in data and represent data as pictures, symbols and diagrams (VCDTDI014)

Digital Technologies Processes and Production skills

- Collect, explore and sort data, and use digital systems to present the data creatively (VCDTDI015)
- Follow, describe and represent a sequence of steps and decisions needed to solve simple problems (VCDTCD017)

Design and Technologies Processes and Production skills

- Visualise, generate, and communicate design ideas through describing, drawing and modelling (VCDSCD019)
- Sequence steps for making designed solutions and working collaboratively (VCDSCD022)