ELSA and WA Pre-Primary Curriculum

The Early Learning STEM Australia (ELSA) program has been developed by SPLAT Maths to map to the Western Australian Pre-Primary (Foundation) Curriculum. Each activity in our ELSA children's apps map to various content descriptors from the Western Australian Pre-Primary 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 (ACMNA001)
- Sort and classify familiar objects and explain the basis for these classifications. Copy, continue and create patterns with objects and drawings (ACMNA005)
- Compare, order and make correspondences between collections, initially to 20, and explain reasoning (ACMNA289)

Measurement and Geometry

- Use direct and indirect comparisons to decide which is longer, heavier or holds more, and explain reasoning in everyday language (ACMMG006)
- Connect days of the week to familiar events and actions (ACMMG008)
- Describe position and movement (ACMMG010)

Statistics and Probability

- Answer yes/no questions to collect information and make simple inferences (ACMSP011)

Science Understanding

- Living things have basic needs including food and water (ACSSU002)
- Objects are made of materials that have observable properties (ACSSU003)
- The way objects move depends on a variety of factors, including their size and shape (ACSSU005)

Science Inquiry skills

- Participate in guided investigations and make observations using the senses (ACSIS011)
- Share observations and ideas (ACSIS012)
- Pose and respond to questions about familiar objects and events (ACSIS014)
- Engage in discussions about observations and represent ideas (ACSIS233)

Science as a Human Endeavour

- Science involves observing, asking questions about, and describing changes in, objects and events (ACSHE013)

Digital Technologies Knowledge and Understanding

- Digital systems (hardware and software) are used at home, in the school and in the community (ACTDIK001)
- Data can have patterns and can be represented as pictures and symbols (ACTDIK002)

Digital Technologies Processes and Production skills

- Collect and use data of any kind (ACTDIP003)
- Use data to complete a task (ACTDIP003)
- Generate and record design ideas through describing, drawing, modelling and/or a sequence of written or spoken steps (WATPPS02)
- Use given components and equipment to safely make simple solutions (WATPPS03)
- Work independently, or with others when required, for solutions (WATPPS05)