The science learning area is divided into 4 strands, *Earth and space, Energy systems, Life systems* and *Matter*. Each of these is underpinned by two Key Ideas which identify the key foci of the strand.

The strands are based upon the notion of accepted ‘disciplines’ of science but there are important connections to be made across the strands when planning a science program. This will maximise opportunities for the learner to access a range of learning options from all major areas of science.

Implicitly in each of these activities, there is an element of the process of *Working scientifically* as well as examples of how the Essential Learnings, Equity Cross-curriculum Perspectives and Enterprise and Vocational Education areas are integral to the learning. When developing these activities at the local level, it is essential to further enrich these elements.

The following Science learning activities are not meant to be prescriptive. They describe starting points for further learning opportunities. The learning experiences described reflect an analysis of the Key Ideas and build towards achieving the related learning Outcomes.