

Science Breakdown for Year 1 for 2017

Term 1 – Chemical Sciences – Spot the difference

Changes are happening all around us. Chocolate melts in the sun, water evaporates from puddles and cement hardens in the open air. Predicting the changes that can happen to everyday materials is important in understanding the best way to manage things such as, food handling and cooking, construction and packaging.

ACSSU018—Everyday materials can be physically changed in a variety of ways

Term 2 – Earth and Space Sciences – Up, Down and All Around

Look out your window and you will see a constantly changing world. The Sun rises and sets and the sky reflects many different hues over a day. The landscape, everything we know about the environment began by observing it. Environmental modelling, space exploration and city planning all rely on careful observations of the land and sky.

ACSSU019 - Observable changes occur in the sky and landscape

Term 3 – Biological Sciences – Schoolyard Safari

The world is teeming with animal life. Even the most unexpected places can host a diverse range of creatures. As humans, we share our wonderful planet with many other animals. Taking the time to really look at another species can provide a window into the similarities and differences among living beings, and can help us to appreciate how we are all part of a single, gloriously complex ecological system.

ACSSU017/211—Living things have a variety of external features. Living things live in different places where their needs are met.

Term 4 – Physical Sciences – Look! Listen!

Light and sound surround us, bringing a wealth of information about our world. We use light and sound to communicate with each other. Sounds can be as different as beautiful music or screaming sirens. Light can transmit the pictures from a television screen or the expressions on someone's face. Almost continuously, light and sound affect what we think and do, and how we feel.

ACSSU020 - Light and sound are produced by a range of sources and can be sensed