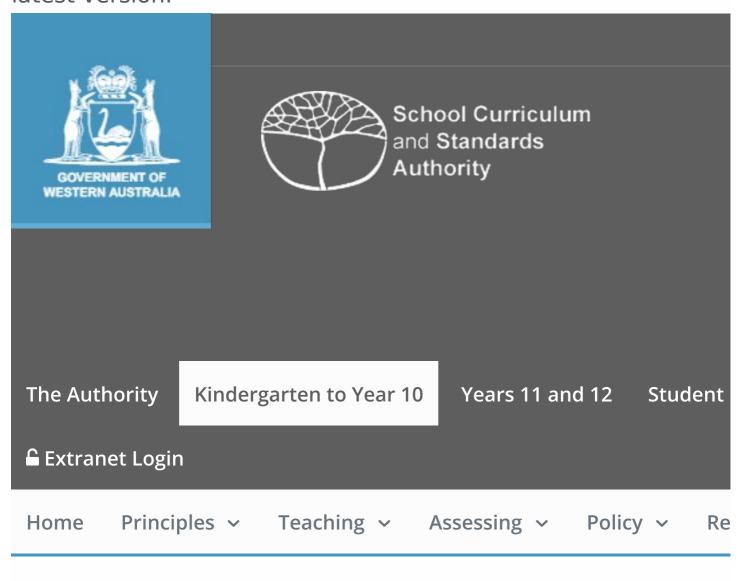
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Year 8 SyllabusTest

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Year Level Description

Filters



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- ▼ Year level descriptors
- **□** Content Descriptions
- Achievements Standards
- □ Icons

Year Levels

□ Select All

Strands

- □ Select All
- Science Inquiry Skills
- Science as a Human Endeavour
- Science Understanding

General Capabilities

- □ Select All
- **□** Literacy
- Numeracy
- □ Information and Communication Technology (ICT) capability

Year 8 Syllak

Year Level Descri

The science inquiry across a two-year be expectations outlined science understand strands are address are interrelated and detail in which the exprograms are decis

Incorporating the

Over Years 7 to 10, structures; how sys matter and interact and relative amoun

In Year 8, students macroscopic proper level and explore the between interdependenticle level, and control classify different for in systems, including use experimentation explain these relations are

views while conside

- Critical and creative thinking
- Personal and social capability
- **□** Ethical understanding
- **□** Intercultural understanding

Science Understanding

BIOLOGICAL SCIENCES

Cells are the basic of living things; the have specialised structures and func (ACSSU149)

Multi-cellular organ contain systems of organs carrying out specialised functior that enable them to survive and reprodu (ACSSU150)

CHEMICAL SCIENCES

Properties of the different states of r can be explained in terms of the motior arrangement of par (ACSSU151)

Differences betwee elements, compour and mixtures can b described at a parti level (ACSSU152)

Chemical change involves substances reacting to form ne substances (ACSSU

EARTH AND SPACE SCIE

Sedimentary, igneo and metamorphic recontain minerals are formed by processe that occur within Ear over a variety of timescales (ACSSU).

PHYSICAL SCIENCES

Energy appears in different forms, include movement (kinetic energy), heat and potential energy, and energy transformat and transfers cause change within systems

(ACSSU155)

Year 8 Achieven

Science Understa

At Standard, studer model to explain ar They identify different transformations cauprocesses of rock for function at cell, org

Science as a Hum

Students explain ho idea and where scie

Science Inquiry S

Students construct safety and ethics we experimental methodon controlled. They compatterns and trends explain how modificapply their scientificappropriate language and findings.

The science inquiry skills and science as a human endeavour st schools and teachers refer to the expectations outlined in the a understanding strand for the relevant year level to ensure that three strands of the curriculum are interrelated and their conte the content descriptions are organised into teaching and learning

Incorporating the key ideas of science

Over Years 7 to 10, students develop their understanding of mi scales are shaped by flows of energy and matter and interactio relative amounts.

In Year 8, students are introduced to cells as microscopic struct link form and function at a cellular level and explore the organization interdependent organs. Similarly, they explore changes in matter physical change. They begin to classify different forms of energy including the role of heat and kinetic energy in the rock cycle. Supponents in systems and explain these relationships through and propose explanations, drawing on evidence to support their

