



Steiner Education Australia

AUSTRALIAN STEINER CURRICULUM FRAMEWORK 2011

SCIENCE

LIST OF TOPICS HIGH SCHOOL YEARS 7-10

Each Learning Area is organised into Topics. These are content areas which can be taught as one or more integrated thematic morning blocks (Main Lessons) over 3-4 weeks, with connected review and practice lessons developing the content throughout the year.

While it is necessary for the Content Descriptions to be covered, teachers are able to use their professional judgment concerning the needs of their class: content can be recombined or reallocated into Main Lessons and practice lessons over the year.

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SCIENCE TOPICS HIGH SCHOOL YEARS 7-10			
Year 7	Year 8	Year 9	Year 10
Science 7.1 Physics: Acoustics, Optics, Warmth	Science 8.1 Physical Laws- Human Organs	Science 9.1 Physics: Telephone and the Combustion Engine	Science 10.1 Physics: Mechanics
Science 7.2 Mechanics, Galvanic Electricity	Science 8.2 Chemistry of Process and Food	Science 9.2 Physics Technology: Transport and Communication	Science 10.2 Physics Technology: Making a 4 bit Adder (as one possibility) * OR Bridge Building OR Sustainable Energy construction.
Science 7.3 Introduction to Chemistry: Combustion Processes	Science 8.3 Physics of Air and Water	Science 9.3 Chemistry: Transformation of Plant Substances	Science 10.3 Chemistry: Salt Chemistry
Science 7.4 Human Biology-The Human Being in the Environment- Care of the Life Processes	Science 8.4 Electromagnetism		Science 10.4 Chemistry Technology: Salts/ Mineralogy (as one possibility)*
Science 7.5 Introduction to Chemistry	Science 8.5 Gardening	Science 9.5 Human Biology: The Bodily Basis of Intentionality	Science 10.5 Human Biology: Circulatory System and the Inner Organs
Science 7.6 Gardening Horticulture		Science 9.6 Geology: The Forces that Shape the Earth	Science 10.6 The Earth in Movement
		Science 9.7 Gardening / Horticulture	Science 10.7 Gardening / Horticulture

Ref (Stockmeyer 1955, Mitchell 1995, Mackensen 1995, and Australian Steiner Schools Curriculum Documents,)