

Kelmscott Homeschool Group – Roleystone Hall

Term 4: Mondays 15 Oct, 22 Oct, 5 Nov, 12 Nov, 19 Nov, 26 Nov, and 3 Dec

No classes Monday 29 October due to the HBLN sports day

Junior, Intermediate, and Senior Science

(taking into account their timetable and level of skill children ages 8-9 can choose Juniors or Intermediate, children aged 12 can choose Intermediate or Seniors)

Junior Science: Ages: 5-8 (PP-Year 2 approx) Time: 1200-1250

Children aged 5 and 6 with parental assistance where required (stay in proximity of the class).

Intermediate Science : Ages 8-12 (Year 3-7 approx) Time: 1310-1400

Senior Science: Ages 12-16 (Years 8-10 approx) Time: 1200-1250

Location: Main hall, Roleystone Hall

Instructor: Simon Thorp. This is Simon's second term with our group. Simon is a qualified science teacher who brings with him a wealth of knowledge. He is an engaging teacher able to work with children of all ages and abilities.

Cost: \$85/student (HEWA)/\$102/student (non-HEWA)

Children aged 5 and 6 with parental assistance where required (stay in proximity of the class).

We are looking for volunteers to act as activity assistants for the Junior and Intermediate classes

Term 4 schedule; Science classes @ Kelmscott Homeschool Group (Roleystone Hall)

Group	Date	15 th October	22 nd October	5 th November	12 th November	19 th November	26 th November	3 rd December
Junior group Ages 5-8 PP-Year 2 approx		Biology: Animal features and characteristics	Biology: plant features and characteristics	Chemistry: changing shapes and sizes of every day objects	Chemistry: freezing & melting – different states of matter in everyday objects	Earth and space sciences: natural, managed and constructed features	Earth and space sciences: short and long term patterns of earth (seasons etc)	Fun science day: making slime
Intermediate group Ages 9-12 Years 3-7 approx		Biology: adaptations (features) that help plants and animals survive	Chemistry: Solid liquid and gas – states of matter, boiling and freezing points	Chemistry: The mass of gas – how much room does gas take up	Earth and space sciences: The solar system – planets size and orbit	Earth and space sciences: The sun	Physical sciences: Light – absorption, reflection & refraction.	Physical sciences: Light - Transparent, opaque and translucent substances
Senior group Ages 12-16 Years 8-10 approx		Biology: Requirements for life (Oxygen, water, nutrients and waste removal) How the body caters for these	Biology: Body systems function and coordination	Chemistry: Alpha and beta particles and gamma radiation	Chemistry: The role of oxygen in combustion	Earth and space science: Identifying and naming major tectonic plates on a map of the earth.	Physical sciences: Movement and transfer of energy through different mediums (sound & light through solid, liquid and gas)	Physical sciences: Transfer of heat through convection, conduction and radiation.

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