

KELMSCOTT HOMESCHOOL GROUP TERM 1 2021

**Dates: Mondays only 15 Feb, 22 Feb,
(none 1 Mar) 8 Mar, 15 Mar, 22 Mar, 29 Mar**

Location: PIARA WATERS PAVILION

INTERMEDIATE & SENIOR SCIENCE CLASSES

1245PM-130PM Main Hall:

Senior Science (Yr 8-10) Atoms & Elements

145PM-230PM Main Hall:

Intermediate Science (Yr 5-7) Forensic Science

INTERMEDIATE SCIENCE (Yrs 5-7)

Forensic Science

Volunteer led class: Monique Stone

COST:

Hall hire contribution payable by all families enrolling.

HBLN: \$40/family/term Non-HBLN: \$48/family/term

Cost of these class

HBLN: \$40/student enrolling

Non-HBLN \$48/student enrolling

REFUNDS – No refund if these classes are cancelled due to COVID-19 safety concerns. Cost reflects resources used in these classes.

Forensic Science

1. What makes us unique?

(Facial features, finger prints, lip prints)

Teeth, Bones

2. Puzzling powders investigation

Shoe imprints, soil, chemical clues

3. Splat! "Blood stains" in crime solving: using washable paint

DNA, hair

4. Chromatography (examination of ink)

Examining Handwriting

Composite drawings

5. How pathologists estimate time of death (experiment using hot water)

Entomological Evidence (insects)

6. Lie detection

5000 year old murder investigation

Skeleton in the cupboard

K-9 detectives

Atoms & Elements

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Atoms & Elements

1. Atoms – what are they?

Atom model including protons, neutrons, electrons:

Hydrogen

Helium

Lithium

Beryllium

Boron

2. Periodic table elements -Alkali metals

Periodic table elements – Alkaline-earth metals

3. Periodic table elements – Lanthanides

Periodic table elements – Actinides

4. Periodic table elements – Transition & post-transition metals

5. Periodic table elements- Metalloids & non- metals

6. Periodic table elements – Hallogens & noble gases