

Term 3 dates (Rossiter Pavilion)

2 Aug, 9 Aug, 16 Aug, 23 Aug, 30 Aug, 6 Sept

Hall hire contribution \$40/\$48 per family.

INTERMEDIATE SCIENCE (Yr 5-8) NATURAL DISASTERS

Time: 12:45-13:30

Volunteer: Monique Stone

Cost: \$45/student HBLN, \$54/student non-HBLN

INTERMEDIATE SCIENCE (Yr 5-8) NATURAL DISASTERS

1. Types of natural disasters

Disaster Watch

Disasters in Australia focus: 2016 Yarloop WA bushfire, 2020 bushfires & floods East Coast.

2. Earthquakes

Layers of the earth

Tectonic plates

Measuring Earthquakes - Richter Scale

Some major earthquakes around the world; 2010 Haiti, 2011 Christchurch, NZ

3. Volcanoes

What are they?

Types of volcanoes

Measuring volcanoes: VEI Volcanic Explosion Index

Some active volcanoes; Merapi, Indonesia. Mauna Loa, Hawaii.

Mt Vesuvius, Italy.

4. Tsunamis - Terrible waves

Cause of tsunamis

Some major tsunamis around the world; Boxing Day 2004 Earthquake & Tsunami, Sumatra, Indonesia.

2011 Earthquake & Tsunami, Tohoku, Japan, including the destruction of 3 nuclear reactors at Fukushima Daiichi.

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5. Cyclones/Hurricanes/Typhoons.

What are they?

Damage caused.

Preparation.

Focus: Cyclone Tracy, 1974, Darwin Australia.

Typhoon Tip (Warling), 1979, The Philippines. Hurricane Katrina, 2005, New Orleans, USA.

6. Exposure of disasters.

Extreme jobs.

Plans.

Weather.

(ROUND 1)

Enrolments for current families will open Tues 22 June until Tues 29 June. Payment not required at the time of submission of the enrolment form. Invoices will be issued on 1 July.

(ROUND 2)

Any vacancies will be opened to new families from 1 July. All pmts due by Friday 16 July.

REFUNDS - Please note if classes are cancelled due to COVID-19 safety concerns then only 50% of the fee for the cancelled classes will be refunded to families. The remaining 50% will be used to cover the cost of the venue, instructors and consumables. No refunds apply for volunteer-led classes (Roots and Shoots or Natural Disasters) as the cost of these classes are primarily for resources which will be provided/sent to the students even if the classes are cancelled.