

# Synopsis for TERM TWO

*May 10th - June 6th 2023*

**9.30 — 11.00**

**Cities of the Ancient World** *with Dr Sheila Twine*

Large, settled populations have complex needs including water and food security, organization and justice systems, trade and defence. In this glorious exploration of ancient history, we will examine some classical civilizations, the remains of which still astound us and draw visitors in their hundreds of thousands every year. Petra, Mesopotamia, the Indus Valley, ancient Turkey and China are a few of our destinations on this 5-week tour of the ancient world.

*Dr Sheila Twine lived and trained as a teacher in Scotland before embarking on higher education and eventually a PhD in WA. Sheila, a lifelong learner, is a passionate about education. She has authored a series of educational books for children. Sheila is a member of many in community societies and groups including U3A, Zonta and the Jarrahdale Heritage Society. She was named WA Senior of the Year in 2020*

**11.30 — 1.00**

**Volcanoes and Earthquakes – Plate Tectonics**

*with Dr Nigel Radford*

Is volcanic activity and the occurrence of earthquakes becoming more common? Is it realistic to expect scientists to predict, with any degree of accuracy, where and when such events will happen in the near future? Answers lie within the subject known as Plate Tectonics. Plate Tectonics has rapidly captured the popular imagination. And yet only 50 years ago it was a revolutionary new concept. Come on a journey to see how the Earth as we know it has changed over geological time, and what we might expect in the near future. Volcanoes off the coast of North Island NZ are all part of the evolving systems.

*Dr Nigel Radford - Nigel worked all this life as a professional mineral explorer and retains a keen interest in many aspects of geology. He is highly regarded internationally by his exploration and research colleagues and is recognized as a visionary geologist by his peers. He received the Butt-Smith medal for his outstanding contribution to developing new ground-breaking geochemical approaches to mineral exploration. His passion, and life's work has been geology and it's been an exciting ride.*