**Year 4 May the Forces be with You Workshop**

**Date and time: Thursday 1 December 2022 from 1.00pm to 5.00pm**

**Workshop location**: Ground Floor west end UWA Physics Department Room G18

**Parking**: See map over for details. Best paid parking off Fairway

**Target audience:** Year 4 classroom teachers of science and Primary Science specialists from the metropolitan and regional areas.

**Purpose**

Introduce the Einstein-First project to teachers, familiarise them with the key concepts to be taught in the Year 4 *May the Forces be with You* module and provide opportunities to ‘work through’ each of the associated activities.

**Learning intentions**

Participants will:

* be aware of the background and general requirements of being involved in the Einstein-First project
* know and understand the key concepts introduced in the Year 4 *May the Forces be with You* module
* discuss the key concepts and conduct the activities associated with each lesson.
* familiarise themselves with the pre-test and post-test for each module and the student attitude survey.

**Pre-reading and preparation**

In preparation for the professional learning session, can you please:

* Have a digital or printed copy of the Resources
* Have a copy of the equipment list.

**Program**

12.45 – 1.00 Registration

1.00 – 1.10 Introductions and Program for the day

1.10 – 1.20 ***Why Einstein-First?:*** Brief background to the Project. Rationale for introducing gravitational and electric forces as two familiar forces of nature into Year 4 programs

1.20 – 2.00 *May the Forces be with You* Teacher Background

2.00 – 3.00 Year 4 *May the Forces be with You* Lessons 1, 2 and 3: Intoducing the language and ideas of forces

3.00 – 3.15 Afternoon tea break

3.15 – 4.45 Year 4 *May the Forces be with You: Einstein’s gravity* Lessons 4 and 5 and Electrical forces Lessons 6 to 8

4.45 – 5.00 Next steps and evaluation

**Registrations or further information:** please email [david.a.wood@uwa.edu.au](mailto:david.a.wood@uwa.edu.au) with your name, school and whether you are a science specialist or regular classroom teacher.

**Parking**

This is a student-free university week so plenty of paid parking will be available in the parking areas shown. If possible, public transport to UWA is an excellent option.

1. **Paid parking in Fairway**
2. **Paid parking in P3 off Hackett entry 1**
3. **Paid parking on Hackett Drive**

Map

Description automatically generated

G18 right off foyer, Physics Building