

# WORLD OF MATHS

## WORLD OF MATHS: BRIEF DESCRIPTION AND EDUCATIONAL VALUE



### INTERACTIVE LEARNING FOR KIDS

World of Maths offers different sets of 17 large, colourful hands-on activities.

When experiencing 'World of Maths' the students have an opportunity to learn and express a variety of different skills and strategies needed for problem solving in real life situations.

#### The two main purposes of the sessions are:

- 1) Solving problems from a given situation on each activity
- 2) Serves as a guided discovery lesson where your students will discover and identify many mathematical concepts and ideas in a fun environment.

During the session students will analyse mathematical problems through investigation, comparison and reflection.

Your students will work together in small teams to discuss and record possible answers. Students have worksheets to keep on task and record answers.



## OUR ACTIVITIES

### EXPLORE:

Data, numerical patterns, measurement, counting numbers, mazes, space, calculation, probability, graphs, statistics, logical thinking, trial and error, eliminating possibilities, logical deduction.

Upper year levels will also discover spatial visualization, axis of symmetry, sequencing, average speed, grids, power transmission (to name a few).

The groups are kept occupied with no waiting time and are allowed to spend as much time as they need at each activity within the session.

### SPECIFIC VALUES:

Students have the time and freedom to pursue their own paths in trying to solve the problems. The students can experience mathematics related to practical and real-life situations. Motivation is very important and our Presenter will facilitate the sessions for the students to enjoy and **“have a go”** at each activity. **World of Maths** provides an **enjoyable Maths environment** which can make students more determined to try.

### INFORMATION ON OUR SESSIONS:

To book we require:

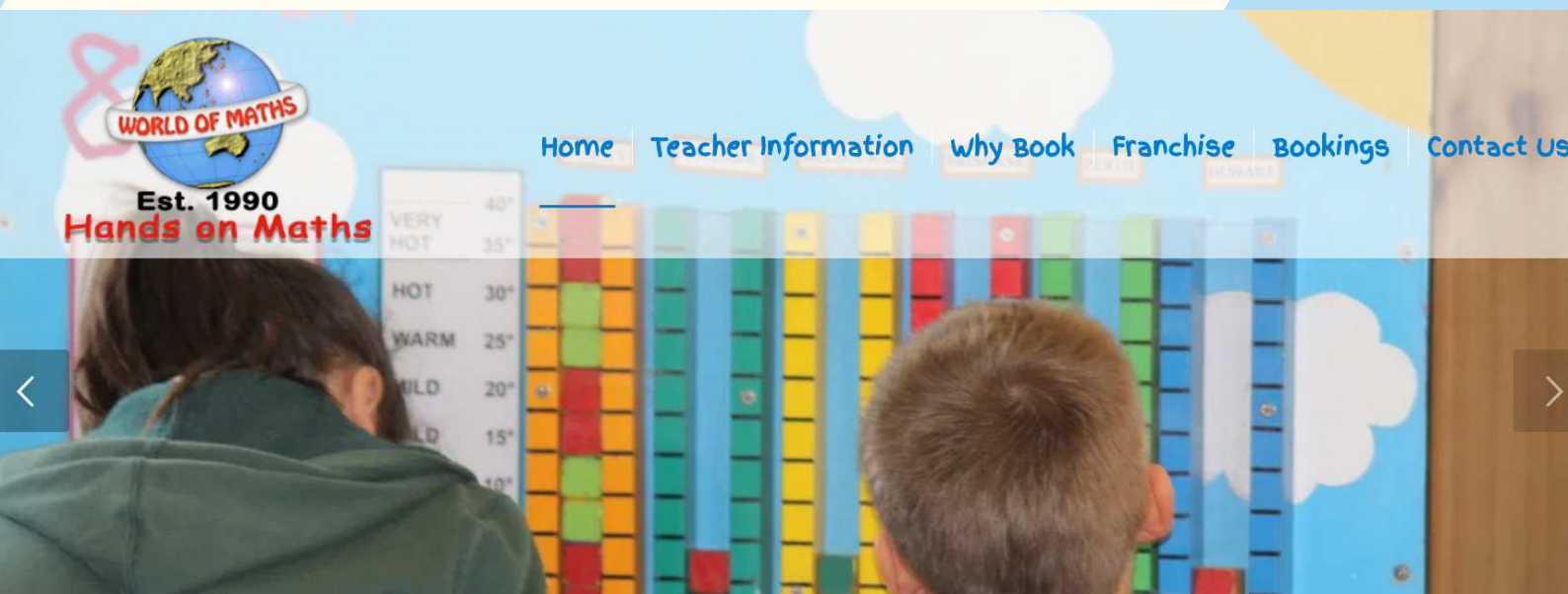
- 1) Preferred dates
- 2) Year levels
- 3) Class numbers
- 4) School bell times

We then suggest how we will run the sessions keeping in with your School's needs.

***World of Maths is flexible and does recognise each school may have different expectations and needs. Please let us know if you would amend anything above and we will work with you.***



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# SESSION TIMES AND NUMBERS

## Guide Only

### NUMBERS:

- 50-70 students per session
- Teams in each session-break into 15 small groups to work in teams.

### TIMES:

- High School Years 7-9
- Up to 90 minute session times.

### COSTS:

- \$6.50 +GST per student.
- Minimum charge \$650.00+GST for 2 sessions (100 students)
- Additional sessions have a minimum charge for 50 students. \$45.00+GST travel fee to regional areas.

**We are STEM aligned!**

### Set up:

School hall, gym, library, double classroom 1 hour prior to the first session of each day. We will require use of 15 tables set up for each activity in the area.

### Confirmation & Worksheets:

once booked we will send over a confirmation with all the information. This is to be signed off by the appropriate authority.

### Great Reasons to Book

- Unique displays designed by qualified & highly skilled Math Teachers
- We come to your school with **34 colourful hands-on activities**
- Enthusiastic & energetic presenter to guide and empower the students in solving the activities
- We have different activities to present each visit
- Activities cover a variety of topics on the syllabus
- Most activities relate to the real-life situations
- All abilities are covered for – children ages 5 – 14 years old
- We promote positive attitude towards Mathematics!



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