

WORLD OF MATHS

WORLD OF MATHS: BRIEF DESCRIPTION AND EDUCATIONAL VALUE



INTERACTIVE LEARNING FOR STUDENTS

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

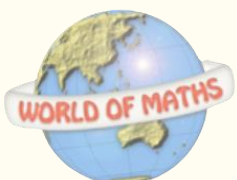
When experiencing 'World of Maths' the students have an opportunity to learn and express a variety of different skills and strategies needed for problem solving in real life situations.

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 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:

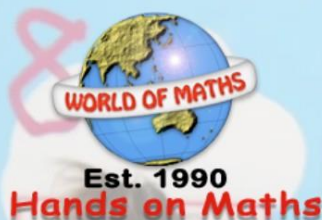
To book we require:

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

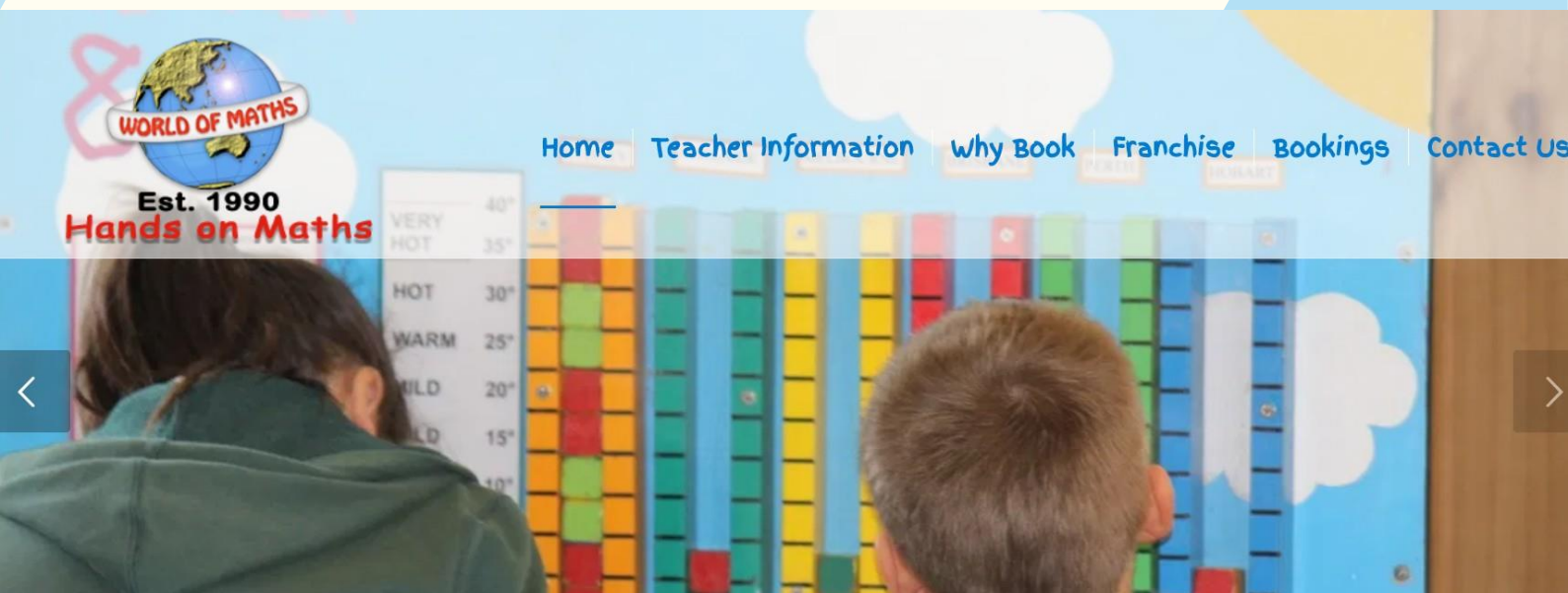
We then suggest how we will run the sessions keeping in with your Schools needs.

World of Maths does appreciate that each school may have different expectations of our day. Please let us plan with you to create the best outcome for your students, staff and parents.

We work with you.



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SESSION TIMES AND NUMBERS

Guide Only

GROUP NUMBERS

50-70 students per session (*guide only*)
Students break into small groups to work in teams.

SESSION TIMES ALLOCATED

O-Year 4 60-70 minutes
Years 5 and 6 up to 90 minutes
Years 7 to 9 up to 90 minutes

COSTS

\$5.00 +GST per student metro areas.
Minimum charge per day (based on payment for 100 students). \$500.00 + GST
A travel fee for \$25.00 + GST per school.
We will provide a quote. We will require the class numbers and bell times.

We are aligned with STEM!

SET UP

We will require an area booked in for the sessions. Your school hall, gym, library, double classroom are suitable.

We will require approximately 1 hour to set up prior to the first session and 45 minutes to pack away.

Please provide tables for us to set up. (15 approx.)

We will swap over sets of activities during the day in Primary School, we require 40 minutes to do this.

REASONS TO BOOK

Unique displays designed by Maths teachers

Enthusiastic & energetic presenter to guide and empower the students in solving the activities

Activities cover a variety of topics on the syllabus

Most activities relate to the real-life situation

We promote positive attitude towards Mathematics!



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