



## TEACHER INSTRUCTIONS

### OVERVIEW

Thank you for inviting Felstead Education to deliver The Amazing Maths Race at your school.

This document will help you get ready for the race by taking you through a few simple steps:

**Step 1:** Choosing your school locations that students will move through.

**Step 2:** Printing requirements

**Step 3:** Preparing your students

**Step 4:** On the day (including teacher supervision).

**Step 5:** Have fun!

### HOW THE RACE WORKS

Students will work in teams of four running to different locations at the school solving maths challenges as they go.

At each location they will solve a maths challenge which will help them unlock the location of the next maths challenge at the school.

The first team to run to all eight locations and solve all eight maths challenges is the winner.

If you have any questions we are only a phone call or email away and will do everything we can to help you prepare for a fun, hassle free, and hopefully very memorable Amazing Maths Race

E: [info@felstead.com.au](mailto:info@felstead.com.au)

P: (03) 9509 0992 or 0402 223406

## PREPARING FOR THE AMAZING MATHS RACE

### STEP 1. CHOOSE YOUR LOCATIONS

Students will run to different locations within the school.

We recommend six separate locations. One of these must be a 'Home Base'.

Students will start and finish at 'Home Base' and return there once during the race.

N.B. We need to be able to show a video on your school's AV system at 'Home Base'. We could use a school hall, theatre, library etc.

For the other five locations, please select an appropriate set that will maximise fun, guarantee safety, and minimise disruptions to other students. The further apart at the school they are – the more running students will do!

Some suggestions may be: Library, Gym, Reception, Classroom X, Wellbeing Centre, etc.

You can list them here:

Country Name	Location Number	School Location
Greece	Location #1 (Home Base)	
Arabia	Location #2	
Egypt	Location #3	
France	Location #4	
America	Location #5 (Home Base)	
Brazil	Location #6	
India	Location #7	
China	Location #8 (Home Base)	

**We also need approximately 6 - 8 'decoy' or 'roadblock' locations.**

We use these to pad out the student answer sheets for when students give a wrong answer. Students do not generally run to these locations as part of the race.

You can list them here:

Decoy Location 1	
Decoy Location 2	
Decoy Location 3	
Decoy Location 4	
Decoy Location 5	
Decoy Location 6	
Decoy Location 7	
Decoy Location 8	

PLEASE NOTE: There are separate Map and Answer Sheets for Years 3 and 4, Year 5 and 6, Year 7 and 8, Year 9 and 10. The school locations will be the same, but the answers are different.

Once you have completed this information, please return the details to Felstead Education so we can customise your Amazing Maths Race documents.

## **STEP 2. PRINTING REQUIREMENTS**

Once your documents have been customised, they are ready for printing.

Printing can be done in house at your school at no additional charge or Felstead Education can provide printed materials at an additional cost of \$3.00 + GST per team.

Please advise Felstead Education at least three weeks in advance if you want us to handle the printing.

If you are printing inhouse, we will send the documents to you approximately two weeks prior to race day.

We will send them through with full instructions. In case you want to know now, printing requirements are as follows:

### **1. For Students:**

Print one Instruction Sheet and Student Map and Answer Sheet per team\_(not per student).

This can be a double sided page.

### **2. For the Maths Challenges.**

Each Maths Challenge needs to be printed on a separate page as each individual challenge will be placed at a different location.

There needs to be one copy of each Maths Challenge per team – i.e. if there are 15 teams, you will need to print 15 copies of each maths challenge.

These can be printed on A4 or A5 sized paper, **but not bound as a booklet.**

### **3. For Teachers.**

Print one Master Information Sheet for each teacher that will be involved on race day.

The Master Information Sheet contains a list of all locations at the school, and answers to all of the maths challenges to help students along.

### **STEP 3. PREPARE YOUR STUDENTS**

Students will need to be allocated into teams of four.

This needs to be done prior to race day so as to minimise disruption on the day.

Each team will need to have a pen(s) and if one clipboard is available per team this is always helpful.

Calculators are not required.

Once they arrive, students will be given their map and answer sheet. They will pick up their questions as they move around the various locations.

### **STEP 4. ON THE DAY**

Your **Race Host** will arrive 60 minutes before the presentation to prepare for the race.

Your **Race Host** will visit each location in the school and will set up materials as appropriate, including putting up posters.

**Audio Visual Requirements:** The session will begin with an audio visual presentation at homebase. These will need to be shown on the school's A/V system (including sound).

We prefer to use a school laptop to show our AV materials, as this reduces the chance of any technical issues on the day. Your race host will bring the AV materials on a zip drive.

**Teacher supervision on the day:** To ensure that the race is run as safely as possible teachers will need to be positioned appropriately throughout the school to supervise students and hand out questions.

We generally find that four teachers (or support staff) are sufficient to handle the supervision.

One teacher will remain at homebase with the race host and the others will cycle through the various locations.

For example one teacher could be stationed at Location #2 (Arabia), and then move to Locations #6 (Brazil) after the students have passed through Location #2.

### **Planning for Wet Weather Cover**

Most of the time the race will be run outdoors, but we do need to plan for inappropriate weather.

As a backup option for a wet weather day we can run the entire race in an appropriate indoor venue such as a school hall. This may also be the 'Home Base' referred to in step one

We strongly recommend booking an appropriate venue for wet weather cover in advance and we will be as flexible as possible on the day.

#### **STEP 5. LET THE FUN BEGIN!**

Thank you for partnering with us in setting up what we hope will be a brilliant maths event for your students – let the fun begin.

If you have any questions we are only a phone call or email away and will do everything we can to help you prepare for a fun, hassle free, and hopefully very memorable Amazing Maths Race

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