



Thank-you for teaching Mathematics.

It is one of the most difficult subjects to teach to students.

That is why we have Maths Week.

Maths Week is aimed at applying mathematics in a bright attractive way to all sorts of things which are relevant to student's lives. It is written to appeal to students and is related with a different emphasis to the curriculum.

Maths Week is written

- to encourage student's interest in mathematics,
- to give teachers resources which they can use in the classroom,
- to give extra emphasis on the joys of mathematics and where it is used in our society,
- to complement and update teachers resources which require research which may not be readily available to them,
- to give teachers resources which can be used electronically in class.

I think that this year's Challenges are probably the best that have written!

- **Daily Dollar Problems for Years 5,6; Years 7,8; Years 9,10,11; feature the Olympic Games with N.Z. athletes.**
- **The new largest Prime Number. Discovered in January 2016 !**  
 $2^{74207281} - 1$ , 22 338 618 digits!
- **Maths Millionaire? Interactive games at three Levels. Years 5 to Year 11.**
- **The Dam Busters. Maths that was needed in this historic 1943 bombing raid.**
- **The Maths Chaser. Popular TV games at three Levels.**
- **The Sound of Music. Maths from the famous movie!**
- **Championship Darts.**
- **The Motorway Planning problem. Steiner Points.**
- **Travelling on Route 66. Maths of this famous road trip.**
- **Snow-boarding in France. A week at Meribel. Every young person's O.E. dream!**
- **Codes.**
- **Making a Maze.**
- **Pascal's Triangle.**



**You will notice**

**a new look face,  
more interactive challenges,  
students can access Maths Week with their computing devices,  
it is ideal for students to use their lap-tops, tablets, i-phones.**



**Maths Week is free for New Zealand schools. It is part sponsored by  
The New Zealand Ministry of Education and  
The New Zealand Association of Mathematics Teachers.**



**Many of the Challenges – particularly those in the Survivor Series – will give  
rise to full mathematics lessons. I recommend this.**

**All of the Challenges will be available on the Maths Week site for  
several weeks after August 12<sup>th</sup>.**

**The Games will be switched off soon after August 12<sup>th</sup>.**



**My thanks to Kate and Tamara for their work and expertise in writing the  
Challenges for Years 1,2 and 3,4. It is an advantage to have Teachers  
experienced in teaching maths to the younger students.**

**I trust you will enjoy and find useful Maths Week of 2016.**

**Best wishes in your teaching and thanks!  
Regards,  
Bill Ellwood.**

