PRIMARY GRADES 3–6

Wootube

Eddie Woo is a teacher who is known for his maths lessons which he publishes on YouTube.

Head to Eddie's channel and watch one of his videos. What did you learn? See if you can explain it to a friend in your own words.

Maths and Outer Space

There isn't a single star in the universe that is pointy.—P. 187, Woo's Wonderful World of Maths

Maths can explain a lot about our world and beyond. Draw a star shape. Do you think real stars are shaped like that? Now, do some research into what shape real stars are. You might be surprised!

Research Coordinates

The first clue in *Whodunnit, Eddie Woo? Team Trouble!* looks like an algorithm but the kids soon realise it is actually a set of coordinates. What are coordinates? What are coordinates used for?

Get onto Google Maps and find the coordinates for your school, your house, or other places you regularly visit. (Hint: right click on the location!)
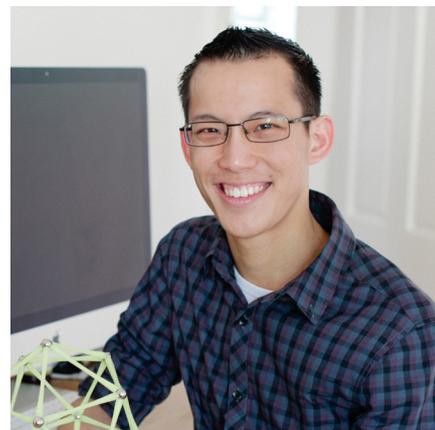
Create your own Secret Code

Like all good mathematicians, Eddie knew that the most fascinating thing about numbers was the relationship they shared.
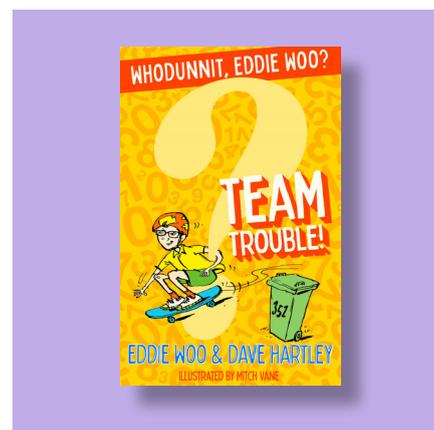—P. 99, *Whodunnit, Eddie Woo? Team Trouble!*

Spend some time investigating ciphers. There are different types, such as the Caesar Cipher which is named after Julius Caesar, who used it in his private correspondence. You may like to watch Eddie Woo's online maths lesson on ciphers!

Now you can create your own. You could write it from scratch if you're feeling inspired or use an online generator to help. Send your friends a secret message and see if they can decode it!

Eddie Woo

KEY CURRICULUM AREAS

Learning areas: mathematics, science, design and technologies, digital technologies

Capabilities: critical and creative thinking, numeracy

About the Author

Eddie Woo has been teaching mathematics at Cherrybrook Technology High School, Sydney for over 10 years. In 2012, Eddie launched 'Wootube', which now has 1.43 million subscribers and 100+ million views. He is the author of *Woo's Wonderful World of Maths*.