

## PMA LEARNING CHALLENGE

### TERM 1, WEEK NINE

Choose and INVESTIGATE one or more of the questions below and THEN SHARE YOUR THEORIES AND JUSTIFICATIONS WITH US 🗣️

*In 1790 – the first modern shoelace was invented by Mr Harvey Kennedy in England. It was the first lace to have an “aglet” on it – that’s the plastic/metal part that holds the end of the shoelace together and makes it easy to thread*



#### CHALLENGE TWO

– Using the “Producing Data” Thinking Questions as your guide(\*\*\*), begin by creating a data question that will help you find out a question that interests you about shoes ... Represent what you find out on a data display. Send us that and one new question you have as a result of your data collection process

**CHALLENGE THREE** – Check out the poster (\*\*\*) of all the different ways you can lace your shoes. Choose one of these questions to explore. What is the most common method used in your learning space? What is the most efficient way in terms of duration (time)? What is the most efficient way in terms of length of lace used? Represent your theory and how you proved it.

**\*\*\* Remember to grab the “Producing Data” Thinking Questions poster**

**\*\*\* Remember to grab the “ways of lacing shoelaces poster”**