

Summer Bridging Work

Subject: Maths

Year: 8



In the first half term of year 9 you will be studying:-

- Negative numbers
- Graphs
- Sequences
- Indices
- Review of fractions

Useful websites

Mymaths.co.uk:- please use the website to look over the topics listed above.

Mathsbot.com

Nrich.maths.org

Books suitable for your age group

The Thrilling Adventures of Lovelace and Babbage by Sydney Padua

Alex's Adventures in Numberland by Alex Bellos

The Number Devil by Hans Magnus Enzensberger

Relevant films/videos to watch:

[sequences](#)

[fractions](#)

Films to watch

X+Y(2014)

The theory of everything (2014)

The Imitation Game (2014)

Activity to undertake:

- 1) Go onto the nrich website and choose an investigation. Let us know which one you did and write a few sentences about what it involved.
- 2) Can you find some sequences that appear in everyday life?
- 3) What happens when we use negative, fractional powers?