

# MATHEMATICS: HOW TO STUDY

## Overview

- ☺ It really helps to have an **overview** of what you have learned this year.
- ☺ Make a mind-map of the main topics in your course (e.g. number, geometry, statistics, etc). Then add the main points for each topic. Tick each point off when you understand it.
- ☺ Have a plan. It's better to do a little bit on each topic ... and then move on. Even if you don't fully understand it. Come back later and study it again ... you'll find it makes more sense the next time.

## Notes

- ☺ Go through your workbook and write down the key formulae and ideas. Read through your notes just before you go to bed ... this is the best time to remember things.
- ☺ A few days later, re-write your notes ... BUT make sure your new notes are shorter.
- ☺ Ideally you should get all of your notes for the course down to one side of A4. At this stage your notes are just reminders ... because you can remember the more detailed versions in your head.

## Practice

- ☺ Mathematics is best learned by doing. The purpose of practising is to find out what you DON'T know, do don't worry if you make mistakes or can't answer a question.
- ☺ Do a past test, exam or exercises from your workbook. Then mark it and highlight the questions (or parts of) that you got wrong or couldn't answer.
- ☺ Re-read your notes or workbook about how to do the highlighted questions.
- ☺ Re-do the test.

## Vodcasts

- ☺ Go to your teacher's Moodle page or Weebly to watch online vodcasts and do online quizzes.

## Ask Your Teacher

- ☺ We're here to help. Write down the parts of a topic you understand and the parts that you don't. Take these to your teacher and ask them to explain the parts that you don't understand.