

MATHS

ALWAYS IMPROVING

GROWTH MINDSET

SMALL STEPS

Ideas for students

1. Complete Maths homework and revision when you are fresh, not tired.
2. Revise class notes – give yourself a practice example to try and solve.
3. Write a summary sheet for each topic covered. Keep these in a folder for future reference.
4. Write a quick quiz for a friend. Then swap and mark.
5. Discuss or explain the day's lesson to Mum or Dad or *teach* it to somebody else.
6. Check out the video repository on Office 365. There may be a video to assist you.
7. Check the textbook examples and *Key Ideas* sections for the topic.
8. Ask your teacher about specific areas in which you would like assistance.
9. Challenge yourself with Hotmaths activities and lessons – www.hotmaths.com.au.
10. Attempt extra resources available on Passmarc.
11. Complete any questions not assigned from your textbook.
12. Complete chapter and semester reviews from your textbook.
13. Still STURGGGLING? Email Ms Beeforth (abeeforth@cac.qld.edu.au) your question, even take a picture of your working out and she will get back to you with a video that answers your question.



Ideas for parents

Here are some ideas on how you can directly help your child when they say “I don’t get it”. Questioning is a very powerful tool as often students do know the answer they just lack the confidence to try. When we ask questions children often find they can then think of ways to solve the problem, as opposed to being told the answer.

Try these:

1. Can you read the question to me please?
2. What information has the question given you?
3. What is the question asking you to find?
4. In your own words what are you asked to find?
5. Can you draw a diagram for this question?
6. Is there a formula that you can write down that will assist?
7. Have you done an example similar in class?
8. Have a look for a question similar in your:
 - a. Theory book
 - b. Exercise book
 - c. Text book
9. Can you do a little bit of the question?
10. What next? (asked once the student has started)
It is amazing how many times I ask a student this question then they go on to finish the question.
11. Is there an example on Passmarc?
12. Is there a relevant section on www.hotmaths.com.au?

In addition to questions you can ask your child, the following activities promote good numeracy and problem solving skills

1. Take your child grocery shopping:
 - a. Estimate the bill and have a competition on who can get closest to the total.
 - b. Rather than looking at the unit pricing, ask your child to work out which is the best buy.
2. In the car, estimate what is the time of arrival.
3. Play games such as darts, cards, greed. Any strategic board game is also good.
NB. If you can get the game ZIPPY, it is a good one.
4. Encourage your child to have formulae for various topics on a piece of paper. Display this piece of paper in a prominent position e.g., fridge door. One topic that has a lot of formulae is measurement. This is vital that students see formulae, even when they are not covering that topic.

The only limit to this list is your imagination.