Year 12-13

Mathematics in Everyday Life (at University)

Define the following words. • WANT and NEED • Limit • Balance • Interest	Find the APR for 3 credit cards and then use the link to calculate how much you would owe over 3 years.	Write down the pros and cons of having a credit card.	Decide how much money you want to spend on your credit card. Using the APR you found, calculate how many months it will take to pay off.
Create a food plan for 5 days. Remember to include snacks. Write a breakdown of how much this would cost.	In your meal plan shopping list, how many items could be used again? If you have bought a bag of pasta, how many servings can you get out of the bag? Now work out how much you would need to spend if you were shopping for a month. Can you save money?	Read the article and write down how each of the offers are misleading.	Find the electricity and gas meter in your house and take meter readings for a week. Calculate how much energy your family have used over the week. Look at a recent bill to understand more about average costs in the household.
Make a list of all of the money you think will be coming in over the first term, e.g. loans, bursaries, parental contributions, work and savings.	Make a list of all the outgoings you expect to spend in the first term. Can you put a figure on them?	**Making your money go further** Look back at the last month and write down everything you can think of you that you spent money on. Are there simple things you could change to save? How many take away coffees did you buy? Do you have a gym membership that you don't use?	Download a budgeting app or create a spreadsheet and start completing it.
Read the article and make notes on the different bank accounts available to you.	Compare the different ways to travel to university/work. What will be the most cost effective? How can you cut the cost? Investigate different options for cutting down the cost.	Make a note of all the information you should have on your pay slip. If you have a job now, can you identify these parts?	What is a personal tax allowance? How much income is taxed? How do you claim back tax if you have overpaid? How can you make tax free money from savings?
How do you split the bills in a shared house? Investigate different ways to do this and the guidance to protect yourself.	Make a list of the items you intend on taking to university. How much will the insurance cost to cover these items?	What is the difference between an arranged and unarranged overdraft? Look at three different banks. What offers do they have for overdrafts?	Payday loans might seem like easy money; however, there are lots of dangers. Read the article and write a list of the cons of using payday loans.