

# School subjects related to career fields

Name: \_\_\_\_\_

Different careers require the study of different subjects. In order to study for a specific career, contact various tertiary institutions and investigate each institution's entrance requirements. These institutions will require specific school subjects for admittance, so it is vital that you choose the correct subjects.

You may have to choose between Maths Literacy and Pure Mathematics at the end of Grade 9. This is a very important choice, as it will influence the options available to you after Grade 12. It may be a wise choice to choose Pure Mathematics to ensure a wider range of possible career options at a later stage. Ensure that you thoroughly research as many career choices as possible, so that you can make the best decisions regarding your subject choices.

Look at the example below to answer the questions that follow.

Qualification: BEng Computer Engineering

Subjects required: Mathematics, Physical science

Possible career choice: Computer Hardware Engineer.



1) Explain why Mathematics and Natural Sciences are required for this qualification.

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2) Would you consider this qualification and career choice? Explain your answer.

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3) Research two possible career choices that interest you. Research the qualification and the subjects that are required for that qualification. Write your answers in your class workbook.