



Notes

1. In this exercise pupils will look at how subjects studied at school are important when considering their choice of career.
2. Pupils should be split into small groups. Give each group a worksheet and ask them to complete as many of the items as possible.
3. Ask each group to feedback on one (or two if there is time) of the items giving their reasons for linking particular subjects with certain jobs.
4. Although there are obvious links between some subjects and certain occupations (eg Maths - Engineering) to some extent there is a link between all subjects and occupations. Pupils should be encouraged to develop and explore these links.
5. After the pupils have done their feedback, run through the subjects required and give the reasons why. Emphasise that school subjects and GCSE grades, although important, are not the only factors affecting jobs. Other considerations are:
 - Health
 - Personality
 - Record of Achievement
 - Work Experience¹
 - Compact Goals

Answers

a. Hairdressing

English - understanding written instructions, writing down appointments, etc.

Maths - taking cash and giving change, working out measurements when mixing chemical solutions.

Science - use of chemicals when dying or bleaching hair, how certain chemicals may react with skin, hair, etc.

Art - hairstyling, make up, colour co-ordination.

b. Engineer

Maths - measuring, working out calculations.

Science - particularly physics - how things work, the effect of certain elements on others, force, motion, etc.

CDT - working with metal, making things to certain specifications.

English - written and spoken English are important. Engineers often have to explain complex scientific information to non-technical people.

¹ Work experience is important for jobs such as Teaching, Veterinary Assistant, Speech Therapist, Journalism and Fashion Designer.

Subject Choice

c. Bricklayer

Maths - calculating number of bricks, calculating proportion of materials when mixing mortar, measuring using a rule, using a spirit level.

CDT - again how to work with various materials, building to set specifications.

English - understanding plans and written instructions.

d. Teacher

Maths - Maths and English GCSEs (grade C or above) are essential for those

English - wanting to do primary or secondary teaching. Science is also required

Science - for those born after 1 Sept 1979 and wanting to teach in primary schools.

e. Fashion Designer

Art - design, colour co-ordination, artistic flair, imagination.

Maths - measuring, calculating amount of materials.

English - for understanding instructions. Communication and persuasive skills are important for selling their ideas.

f. Journalist English - writing understandable

English - Ability to communicate their interest and enthusiasm in clear and concise writing, or through broadcasting. Journalists interested in broadcasting need a clear and distinct voice.

g. Speech Therapist

Science - a speech therapist has to use a variety of scientific knowledge (phonetics, anatomy, neurology).

English - teaching people to use and understand language.

h. Nursery Nurse

English - to help small children with reading.

Maths - to help children with number work.

Art - to be able to paint, draw and do craftwork with children.

i. Veterinary Assistant

Science - particularly Biology.

English - must be able to receive and transmit information, make notes, etc.

j. Chef/Cook

English - following written instructions carefully.

Maths - accurate measurement of ingredients.

French - a basic knowledge of French can be an advantage as the language is used internationally in cookery.

Subject Choice

You may soon be deciding on your option choices. Although it is not necessary to make a specific career choice at this stage, you should be aware of how the subjects you will be studying in school relate to jobs.

Look at the list of jobs below and see if you can decide which subjects are most important for the jobs and try to give a brief reason for your choice.

Hairdressing

Engineer

Bricklayer

Teacher

Fashion Designer

Journalist

Speech Therapist

Nursery Nurse

Veterinary Assistant

Chef/Cook