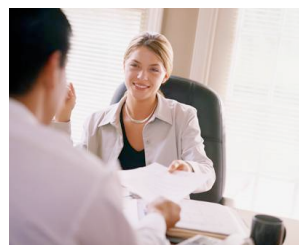


Year 10 Genetics Counselling Task



Introduction

In this task you will work in groups of 3 to research a genetic disease. The information you collect and materials you develop will be used by your group to counsel a couple who want to have children, but are worried that their child may inherit this disease. You must consider all of the information a couple may want or need to know to help them make a decision on whether or not to have offspring.

To assist you in giving the consultation you are required to develop support materials. They will be used both to prompt you during the consultation and to help explain things to the client. These materials should take a variety of forms such as written, visual, auditory.....can you think of anything else?

What will happen on presentation day?

- Half the groups in the class will set up a consultation room (these are the consultation groups)
- The remaining groups (the client groups) will be given a scenario. This scenario will direct them to a specific consultation area.
- Two people in the client group will be counselled, while the third films the consultation.
- The consultation group must help the couple based on the specific scenario **and** the information they have researched. All group members must contribute equally to the consultation and will be given **10 minutes** to complete their consultation.
- The clients should remember to ask questions when they do not understand to give the consultation group an opportunity to re-explain a concept.
- The consultation groups and client groups will swap and repeat the process above.
- Each group will evaluate the group they were counselled by using a rubric provided to them after all groups have presented.

How long will this task take?

The full task will take 5 periods. The following table shows what you will be expected to do in each of these periods. A planning sheet will also be provided to assist you.

Period	Work to complete
1	Decide what to research & begin research
2	Research & develop support materials
3	Research & develop support materials
4	Research & develop support materials
5	Complete consultation

How will we be assessed?

You will be assessed in 3 ways:

- *Teacher assessment:* video of the consultation.
- *Teacher assessment:* choose ONE piece of your support material for your teacher to look at in depth and submit this after the consultation, as well as any additional materials you create during the consultation to assist the understanding of your clients.
- *Peer assessment:* your clients will complete an evaluation form of your consultation.

Questions?

Planning Sheet

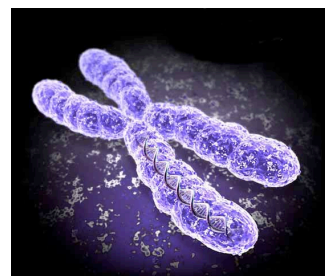
To perform your duties as a genetic counsellor effectively, you will first need to determine what a genetic counsellor actually does and what sort of information they provide to their clients. What would **YOU** want to know if you wanted to have a child who could potentially inherit a genetic disease? Remember your clients are not geneticists.

Research the role of a genetic counsellor and brainstorm what information you will need to find:

Role of a genetic counsellor:

What information will we need to research about our disease and how it is inherited?

Consider **ALL** the information we have covered so far in genetics. How can you apply this to your genetic counselling session? How will you work through a specific scenario and inform the parent both about the specific disease and whether or not their child will inherit it. What will you need to know and need to be able to do? Write your ideas here:



What materials do you need to create to help you complete the consultation? Remember this will be handed in for assessment. Will this involve audio, written material, visual material.....you MUST let your teacher know what you require so it can be booked in time to be used in your planning lessons.

On consultation day what materials might be useful to help you work through the specific scenario that you will be given? Will you need anything else other than your support materials? Will you use any props?

Who will be responsible for what? Divide your tasks evenly to ensure your group works productively.

Group Member	Responsible For