

Subject level Level 3 CTEC

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Subject Context Cambridge Technical in Health and Social Care uses direct experience to help students develop the underpinning knowledge as well as practical and personal skills required to work in this sector. They learn how to deliver person-centred care and support to meet the needs of a variety of service-users.

The country is currently under the grips of a global pandemic Covid-19 which severely impacts the health and Social Care sector. You have been asked to play a role in a task force to direct public awareness to the virus and to aid medical professionals in their mission to control and manage the virus so that our NHS is not overloaded.

During this role you will undertake a series of tasks which will help you inform the people you are working with of the issues surrounding COVID-19.

Estimated time required to complete activity 3 hours

Resources required Laptop (or pen and paper)
Internet (desirable not essential)
Newspapers
TV news reports

Assignment Details

Task One: UNIT 4 Anatomy and Physiology in HSC.

Your co-worker has asked you to produce a short report which identifies the key elements regarding the COVID 19 VIRUS.

In your report you need to include the following:

1. A description of what COVID 19 is. (what is it and what do we know?)
2. How it is spread from person to person and across countries? (include how it managed to become a global pandemic)
3. What are the signs and symptoms a person who is infected will have? (What is the difference between asymptomatic and symptomatic)
4. What are the procedures and treatments available?(Think about mild and more severe cases)
5. What impact does the virus have on the long- term recovery of people who have been treated in intensive care? (Think about the biology related to the lungs being damaged by pneumonia. Look at the timelines for recovery to help you with this part)

Here are websites to help you:

<https://patient.info/news-and-features/coronavirus-how-quickly-do-covid-19-symptoms-develop-and-how-long-do-they-last>

<https://www.theguardian.com/world/2020/apr/07/the-road-to-recovery-for-covid-19-patients>

https://www.who.int/docs/default-source/coronaviruse/situation-reports/20200402-sitrep-73-covid-19.pdf?sfvrsn=5ae25bc7_2

Task Two: Unit 3 Health, Safety & Security

1. Produce a poster that demonstrates good personal hygiene required to stop the transmission of COVID -19. This poster should be suitable for every workplace and including the home. Use pictures and brief descriptions.



Here is an example.

Do not copy a poster that has already been produced by another person/ company.

2. Read the following article.

<https://www.theguardian.com/world/2020/apr/22/without-a-plan-its-not-going-to-stop-care-homes-fear-worst-yet-to-come-covid-19>

It identifies that the numbers of death amongst care home residents has risen. Care homes have suffered due to the lack of PPE equipment and testing.

Complete a table identifying the different types of PPE equipment and why it is effective e.g.

PPE	Pictures of what they look like.	Why is this piece of equipment important?
Goggles -eye protection		
Gloves		

3. IN A SHORT REPORT UNDERNEATH YOUR TABLE.

WHAT IS THE IMPACT OF THESE DEATHS ON THE PROCEDURES THAT OPERATE IN CARE HOMES? How can we protect the vulnerable? Thinking of the work in your table (PPE) what impact does this have on the future of procedures in care home. How does this this impact of the rights and needs of the individuals in these care homes.

EXTENSION - Task Three: Why flattening the curve matters?

- Flattening the curve is key to ensuring health services aren't overwhelmed by coronavirus cases.

- Simple measures such as regularly washing hands and practising social distancing are crucial.

We've all become familiar with the official advice to protect ourselves from coronavirus: stay at home, wash your hands, and if you must go out, keep your social distance.

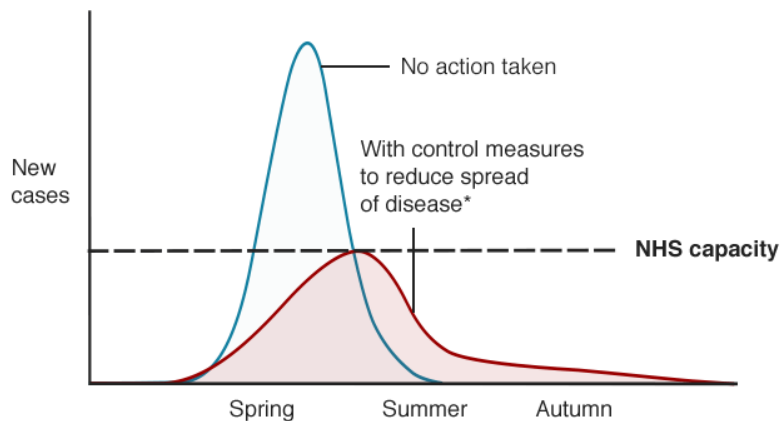
With COVID-19, the key to ensuring health services around the world can cope is to flatten the infection curve.

<https://www.weforum.org/agenda/2020/03/coronavirus-control-measures/>

This involves spreading out the peak number of cases over a longer period, so critical care units do not become overwhelmed.

1. Using the graph below write an explanation for what you are seeing in both lines and the impact these have on the NHS.

How control measures may reduce spread of virus in UK



*Control measures: Self-isolating if ill, social distancing for vulnerable and whole household isolation if one member is ill

Source: Department of Health

BBC

2. Now find similar graphs to show any aspect of the coronavirus and explain what you see.