S2 Science Microorganisms and disease SCN 3-13b
Task 1

Learning Intentions: I can….	☺	😐	☹
• List the 7 life processes • State what is meant by the term microorganism • List the 4 different types of microorganism • Compare their sizes and state where they are found • Name the units of measurement used for describing the size of microorganisms			

1. Use the information in the PPT to help you answer the following questions in sentences.

a) List the 7 life processes.

b) What is a microorganism?

c) Name the four different types of microorganism.

d) Write down the 4 types of microorganism in order of size

Protists> _____ > _____ > _____.

e) Write down the unit of measurement for (i) micrometre (ii) nanometre.

2. **Fact-file Task**

a) Choose **ONE** of the following microorganisms:

- *E.Coli*
- Baker's yeast – *Saccharomyces cerevisiae*
- Amoeba
- Varicella-zoster virus

b) Use the internet to **research** the following information about your microorganism:

- What type of microorganism it is (ie Bacteria/virus/fungus/protest)
- The scientific name of your microorganism
- Where the microorganism is found?
- A labelled line drawing - or a picture - of one cell/particle of your microorganism
- One interesting fact about your microorganism

Don't forget to RECORD your sources.
Full website addresses (these can be copy and pasted from box at top of web page).

c) Use the following layout to present the information you have obtained:

Type of organism:

Scientific Name:

Where is it found?

Labelled line drawing/
diagram of one cell

One interesting fact:

Sources:

Useful websites:

E.coli
https://www.webmd.com/food-recipes/food-poisoning/what-is-e-coli - 1

https://wickhamlabs.co.uk/wp-content/uploads/2016/09/FACT-SHEET-1-e-coli.pdf

Yeast
http://www.bakeinfo.co.nz/files/file/117/BIRT_Yeast_Info_Sheet.pdf

http://redstaryeast.com/science-yeast/what-is-yeast/

https://foodcrumbles.com/how-bakers-yeast-is-made-and-which-one-to-use/

Amoeba
https://www.livescience.com/54281-amoeba-definition.html

https://kids.britannica.com/kids/article/amoeba/352744

Varicella-zoster virus
https://www.ducksters.com/science/biology/viruses.php

https://www.healthline.com/health/chickenpox#outlook

https://www.rchsd.org/health-articles/how-did-chickenpox-get-its-name/