**Task 1**

You are required to design/create a mobile phone application to showcase the course content that you will be covering throughout the course.

The units that we cover on the course are:

Unit 1 – Fundamentals of IT

Unit 2 – Global Information

Unit 6 – Application Design

Unit 9 – Product Development

Unit 13 – Social Media & Digital Marketing

This is an open-end brief so you can either design your application using an appropriate piece of software or create the app using code, or both if you wish.

**Useful Websites:**

<https://ocr.org.uk/qualifications/cambridge-technicals/information-technology/#level-3>

<https://thunkable.com/#/>

<https://www.photopea.com/>

**Support/Guidance:**

For further support/guidance please do not hesitate to contact me on jwalsh@tscacademy.org.uk

**Task 2**

**Essay**

You should write your essay in continuous prose.

Your essay will be marked for its **IT** accuracy.

It will also be marked for your selection of relevant material from different parts of the specification and for the quality of your written communication.

The maximum number of marks that can be awarded is

* Knowledge and understanding 12
* Application of concepts, evidence, and research methods 4
* Analysis and evaluation of IT theory 9

Write an essay on the following topic:

What are Networking characteristics and Connection methods?

 **(Total 25 marks)**

**Hints**

* Research into different networking topologies and their characteristics. This should lead to an understanding of the use and justification of a particular topology in a given context.
* Research into different connectivity methods and their characteristics. This should lead to an understanding of the purpose of the different methods and how these would be used in a given context.

**Useful websites**

* YouTube
* Teach ICT

Do your own research too.