

NCFE

CACHE

Sample Assessment Materials (SAMs)

**NCFE CACHE Level 2 Technical Specialist in
Technology Enabled Care (Certificate)**

QN: 610/4524/X

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Introduction to Technology Enabled Care

Task 1

As a health and social care practitioner, you have been running a support group for adults living with a variety of health conditions. They have asked for information on how technology may help them to maintain their independence and support their carers / families.

You are to produce an information leaflet for the adults attending your support group that includes **all** of the following:

- an explanation of what is meant by Technology Enabled Care (TEC), with examples of specific, **current** TEC methods
- a timeline that demonstrates how TEC has developed over time
- an explanation of how TEC may **benefit** the following:
 - the individual
 - carers / family members
 - organisations
- examples that consider a **range** of different support needs and circumstances an individual may be experiencing are needed within this information
- a mind map to identify a **range** of appropriate settings that may benefit from the use of TEC
- examples of how **current** consumer devices and products can be used to provide TEC.

(Links to Unit 01 LO1 AC1.1 to AC1.6)

Learning outcome: Understand Technology Enabled Care (TEC)

Evidence required: Information leaflet

Task 2

After successfully sharing this information with the adults you support, your manager has asked you to create a presentation and accompanying handout with the aim of supporting your colleagues to understand the benefits of TEC within the health and social care system.

Your presentation and accompanying handout need to include **all** of the following:

- a clear description of the **benefits** of TEC within the health and social care system. A **range** of both public and private organisations that are involved in the care of individuals needs to be considered in this presentation. Benefits may include:
 - prevention
 - monitoring
 - independence
 - cost-effective
 - help with support planning
 - warden call
 - virtual reality
 - apps
- an explanation of how TEC can be used to promote independence, wellbeing and self care. Examples should be given to support your explanation.

(Links to Unit 01 LO2 AC2.1 and 2.2)

Learning outcome: Understand the benefits of TEC within the health and social care system and use data to aid care planning

Evidence required: Presentation and handout(s)

Task 3

In your role as a health and social care practitioner, you have been provided with data from a range of sources from one of your clients. You have been asked by your manager to analyse this data and develop a care plan.

- you are required to write a short report that summarises what you consider to be the key parts of the data. This data should then be analysed and a care plan developed for your client.

(Links to Unit 01 LO2 AC2.4)

Learning outcome: Understand the benefits of TEC within the health and social care system and use data to aid care planning

Evidence required: Report and care plan

Understand a person-centred approach to Technology Enabled Care

Task 1

As a team leader in a domiciliary care company, you have asked some of the individuals in your care to provide feedback on TEC. They will be completing this activity alongside their carer / family members.

To prepare for this, you need to provide a leaflet for the individuals to prepare them for the feedback report. The leaflet needs to include the following information:

- an explanation of what is meant by **person-centred care**. Appropriate examples should be given to support your explanation
- identification of how TEC can support **early intervention** to support current or future care needs. Reference to specific conditions could be used
- an explanation of the ways in which TEC can support the principles of effective **person-centred care, health and wellbeing**
- identification of potential **barriers** to using TEC in relation to person-centred care
- a description of the **limitations** of using TEC in relation to person-centred care.

(Links to Unit 02 LO1 AC1.1 to 1.5)

Learning outcome: Understand person-centred care in relation to TEC

Evidence required: Information leaflet

Task 2

Following the small-group feedback, you have been asked to prepare a presentation on TEC for carers and family members who are not sure whether TEC would benefit the individuals they care for. To make sure the carers and family members receive all of the information they need, your presentation needs to include the following:

- a description of the **key factors** that may impact effective communication in relation to TEC
- An explanation of how TEC can be used as a **communication tool** for:
 - the individual
 - the carer / family members
 - health and social care services
 - the community
- a description of the **issues** of social isolation, followed by examples of the **positive impact** TEC can have on social isolation
- an explanation of the importance of **assessing** an individual's circumstances **before** implementing a TEC care plan
- identification of when TEC can be used as an **assessment tool**
- explain how TEC can be used as a **solution** to meet an individual's assessment needs.

(Links to Unit 02 LO2 AC2.1 and 2.2, LO3 AC3.1 and 3.2 and LO4 AC4.1, 4.3 and 4.4)

Learning outcomes: Understand the positive impact TEC can have in reducing isolation, understand person-centred care in TEC assessment and care planning and understand the importance of effective communication in relation to TEC

Evidence required: Presentation

Task 3

You have been provided with a client's profile, and your manager has asked you to consider how TEC can be used to benefit this person. You need to develop a care plan that covers the following:

- a TEC plan that is specific to the client's needs and circumstances.

(Links to Unit 02 LO4 AC4.2)

Learning outcome: Understand person-centred care in TEC assessment and care planning

Evidence required: Individual care plan

Understand roles and responsibilities in relation to Technology Enabled Care

Task 1

As a manager within a local authority, you are required to write a report detailing the different roles and responsibilities in relation to the appropriate use of TEC. To ensure everyone in your department understands, you are required to include potential issues and concerns that may arise when providing TEC.

The following subheadings need to be included in your report:

- **Roles and functions in the use of TEC**
 - a description of the **importance** of TEC **and** who is responsible for TEC in relation to each of the following:
 - assessing
 - installing
 - monitoring
 - responding
 - an explanation of the potential issues that may arise when using TEC, with consideration to the issues that may arise when TEC is used incorrectly
 - identification of at least **three** individuals who should **escalate concerns** relating to TEC and **how** these concerns are escalated
 - describe the importance of following standard operating procedures in relation to escalating concerns
- **Types of TEC devices, their function and future**
 - identification of at least **three** TEC devices, with the following information on each:
 - how it is **activated** and its **function**, including how it supports **independence** of the individual
 - the **triggers** of each device
 - a description of the **follow-up process** for each device, including who is alerted, where the data is sent and the next steps needed
 - using examples (such as heart rate readings from a smart watch), provide an explanation of how data collection and analysis from TEC can aid in future care planning
 - explain potential future developments in TEC. You should include examples under the areas of telecare, telemedicine and telehealth
 - an explanation of the **action** and **contingency** that could be taken if a device fails to work by each of the following:
 - the individual
 - carer
 - health and social care service provider
 - an explanation of follow-up **support** and **monitoring** to ensure the TEC solution is fit for purpose and meeting individual needs
- **Infrastructure for TEC**
 - identification of the difference between **analogue** and **digital** in relation to TEC in order to communicate effectively with individuals
 - an explanation of the **benefits** of using data collected from TEC. Consideration should be given to improving best practice and internal procedures for organisations responsible for TEC.

(Links to Unit 01 LO2 AC2.3 and 2.5 and Unit 03 LO1 AC1.1 to 1.5, LO2 AC2.1 to 2.5 and LO3 AC3.1 and 3.2)

Learning outcome: Understand the benefits of TEC within the health and social care system and use data to aid care planning, understand the roles and functions in the use of technology enabled care, understand different types of TEC devices available and their functions and understand the infrastructure for TEC

Evidence required: Report

Introduction to legislation, safeguarding and regulatory requirements relating to Technology Enabled Care

Task 1

As a support worker for a domiciliary care company, you understand the importance of legislative, ethical and regulatory frameworks that can impact on the use of TEC. You want to make sure that new members of your team understand the importance of these frameworks as well. In preparation for the next company staff training event, you have decided to put together a presentation and accompanying handout for the new members of your team. This presentation needs to include the following information:

- identification of **current** legislation that could impact upon the use of TEC, including the most current Mental Health Act, Health and Care Act, Mental Capacity Act, Safeguarding Vulnerable Groups Act, Data Protection Act
- an explanation of **how** ethical and regulatory frameworks may impact the use of TEC in health and social care
- identification of the principles of **consent** and **information governance** in relation to TEC. Clear differentiation between consent and governance is needed.

(Links to Unit 04 LO1 AC1.1 to 1.3)

Learning outcome: Understand legal, ethical and regulatory requirements relating to TEC

Evidence required: Presentation

Task 2

Following a recent inspection of the care company you work for, you have been asked by the inspector to write a report on how you safeguard the individuals in your care in relation to TEC. The inspector wants to make sure that your company understands the principles of safeguarding in relation to TEC and the risks associated with TEC.

To ensure you meet the safeguarding requirements of the regulatory body, your report needs to include the following subheadings:

- **Safeguarding and consent**
 - an explanation of the principles of safeguarding for individuals using TEC
 - an explanation of the importance of consent and capacity and how they may impact upon the individual. This needs to include how valid consent can be established with an individual, consideration needs to be made to the current Mental Capacity Act
- **Rights and sources of information**
 - identification of issues around the individual's right to privacy when using TEC
 - identification of different sources of information and support available to safeguard the individual; whilst using TEC
- **Risk management**
 - explain the risks to the individual, cares and family members associated with the use of TEC from a range of sources
 - a clear description of how to overcome the risks associated with TEC / Understand.

(Links to Unit 04 LO2 AC2.1 to 2.4 and LO3 AC3.1 and 3.2)

Learning outcome: Understand the principles of safeguarding relating to TEC/ Understand risks associated with TEC

Evidence required: Report

Change history record

Version	Description of change	Date of Issue
v1.0	First publication	August 2025