# Unit 106: Introduction to emerging technologies in construction and the built environment sector

# Worksheet 3: Introduction to BIM

1. What is BIM?

Building Information Modelling (BIM) is an intelligent 3D model-based process.

1. How is BIM used during the planning and design stages pre-construction?
2. To capture real world data of environments.
3. Use the 3D captured data to inform design.
4. Name a benefit to the builder / contractor on-site of using BIM.

The BIM specification and logistic data allows for quick problem detection and risk management and mitigation.

1. Which level of BIM has no official collaboration between the team, and uses only 2D CAD?

Level 0