# Unit 301: Understanding construction practice in Wales.

# Learning Outcomes 3: Know the changes in construction pressures and materials over time.

**Learner Task Criteria 3.2**

These questions will need learners to research and give relevant answers to the following topic areas listed below to underpin knowledge of how post 1919 to modern construction methods have developed.

1. Explain how transport systems were developed from pre-1919 to post-1919 which helped to revolutionise the construction industry.
2. How did the choice for traditional buildings and the choice of materials often reflected the status of the building.
3. Why did more prestigious buildings such as churches and government buildings generally use more expensive materials?
4. State the basic qualities of concrete slabs, brick and block, steel, glass, plastics, composite materials, and damp-proof membranes.
5. Explain how the role that materials such as cement, glass and steel have played in the industry.
6. Why more modern buildings post-1919 would incorporate Damp Proof Membrane (DPM), Damp Proof Course (DPC), steel and glass into building projects.

Suggested website links:

[Understanding Traditional (pre-1919) and Historic Buildings for Construction and Built Environment Courses | Cadw (gov.wales)](https://cadw.gov.wales/learn/education/teaching-resources/understanding-traditional-pre-1919-and-historic-buildings)

[Search our Knowledgebase | spab.org.uk](https://www.spab.org.uk/advice/search-our-knowledgebase?category_type=139&keywords=) refer to chapter 4 of the above link.

[tywileaflet1-eng-final.pdf (tywicentre.org.uk)](https://www.tywicentre.org.uk/media/1050/tywileaflet1-eng-final.pdf) understanding traditional Welsh buildings.

<https://en.wikipedia.org/wiki/Lime_mortar>