

work of an archaeologist - history

Archaeologist keywords

Instruments used for excavation

How objects are dated

How archaeologists find sites

History, archaeology, and tourism

Other resources

Archaeologist keywords

- Archaeology
 1. Story of the past from material remains
 2. Material remains are artefacts and buildings
- Archaeologist: person who excavates objects of interest from underground and sometimes from underwater
- Artefacts: objects made by people
- Stories from history: legends or biblical stories (e.g. the story of troy)
- Aerial photography: this shows up crop marks which indicates that a feature lies under the soil

- Crop marks: **patterns** in the way **crops grow**
- Underwater archaeology: using sonar, submarines, and diving gear to **explore sunken wrecks**
- Rescue/salvage archaeology: **archaeology** undertaken **before new roads** or buildings are **developed**
- Excavate: to **dig** up
- Conservation: protection and **preservation of ancient objects** so that they do not decay (usually done in a museum)
- Site: area that is excavated

(quizlet: <https://quizlet.com/ie/544961219/archaeology-keywords-flash-cards/?new>)

Instruments used for excavation:

Records- finds are stored on computers

Sieves- sort out artefacts

Diggers- clear away top soils

Laboratory- bone material is investigated for age and injuries

Survey- draw a plan of the site

Grid of squares- record each find

Digging tools- shovels, trowels, and brushes

<https://quizlet.com/ie/544957859/instruments-used-to-excavate-a-site-archaeology-flash-cards/?new>

How objects are dated

1. Stratigraphy- oldest layers are at the bottom and the youngest are at the top
2. Tree-ring dating- telling how old a tree is by studying its rings
3. Carbon-14 dating- telling how old something was alive by measuring how much carbon-14 is left in it
4. Coins and pottery- objects found alongside coins and pottery will be from the same age

<https://quizlet.com/ie/544959277/how-objects-are-dated-history-flash-cards/?new>

How archaeologists find sites

- Above ground- some sites are above ground (e.g. castles, pyramids)
- Below ground- some sites are found by chance when people are ploughing or building (e.g.

terracotta army was found when people were digging for a well in China)

History, archaeology, and tourism

- Many of the most popular tourist sites in Ireland are based on history and archaeology (e.g. newgrange, Co. Meath)

Other resources:

<https://www.youtube.com/watch?v=aL8BXUBXyoU>

<https://www.youtube.com/watch?v=FpJSw4VghOE>