To recognise that a system is a set of interconnected parts which work together

To explain that computers can be connected together to form IT systems

To recognise inputs, processes, and outputs in large IT systems

To identify that data can be transferred between IT systems

To describe the role of a particular IT system in their lives

To relate that search engines are examples of large IT systems

To describe the input and output of a search engine

To demonstrate that different search terms produce different results

To explain why search engines create indices, and that they are different for each search engine

To explain the role of web crawlers in creating an index

To explain how search results are selected

To explain that ranking orders search results to make them more useful

To explain how ranking is determined by rules, and that different search engines use different rules

To explain why the order of results is important and to whom

To explain how search engines make money by selling targeted advertising space

To identify some of the limitations of search engines

To evaluate the results of search terms

Key:

Concept

Skill

Links:

Direct prerequisite

Scaffolding not direct prerequisite