

Action Verbs



Oide

Tacú leis an bhFoghlaim
Ghairmiúil i measc Ceannairí
Scoile agus Múinteoirí

Supporting the Professional
Learning of School Leaders
and Teachers

Definitions + Related Learning Outcomes

Analyse - Study or examine something in detail, break down something in order to bring out the essential elements or structure; identify parts and relationships, and interpret information to reach conclusions

Discuss - Offer a considered, balanced review that includes a range of arguments, factors or hypotheses: opinions or conclusions should be presented clearly and supported by appropriate evidence

Investigate - Observe, study, or make a detailed and systematic examination, in order to establish facts and reach new conclusions

Apply - Select and use information and/or knowledge and understanding to explain a given situation or real circumstances

Evaluate (data) - Collect and examine data to make judgements and appraisals; describe how evidence supports or does not support a conclusion in an inquiry or investigation; identify the limitations of data in conclusions; make judgements about ideas, solutions or methods

Justify - Give valid reasons or evidence to support an answer or conclusion

Appreciate - Recognise the meaning of; have a practical understanding of

Evaluate (ethical judgement) - Collect and examine evidence to make judgements and appraisals; describe how evidence supports or does not support a judgement; identify the limitations of evidence in conclusions; make judgements about ideas, solutions or methods

Measure - Quantify changes in systems by reading a measuring tool

Calculate - Obtain a numerical answer, showing the relevant stages in the working

Examine - Consider an argument or concept in a way that uncovers the assumptions and relationships of the issue

Model - Generate a mathematical representation (e.g., number, graph, equation, geometric figure); diagrams; physical replicas for real world or mathematical objects; properties; actions or relationships

Classify - Group things based on common characteristics

Explain - Give a detailed account including reasons or causes

Organise - To arrange; to systematise or methodise

Compare - Give an account of the similarities and/or differences between two (or more) items or situations, referring to both/all of them throughout

Explore - Observe, study, in order to establish facts

Outline - To make a summary of the significant features of a subject

Conduct - To perform an activity

Formulate - Express the relevant concept(s) or argument(s) precisely and systematically

Plan - To devise or project a method or a course of action

Consider - Describe patterns in data; use knowledge and understanding to interpret patterns; make predictions and check reliability

Identify - Recognise patterns, facts, or details; provide an answer from a number of possibilities; recognise and state briefly a distinguishing fact or feature

Produce - To bring into existence by intellectual or creative ability

Demonstrate - Prove or make clear by reasoning or evidence; illustrating with examples or practical application

Illustrate - Use examples to describe something

Research - To inquire specifically, using involved and critical investigation

Describe - Develop a detailed picture or image of, for example, a structure or a process; using words or diagrams where appropriate; produce a plan, simulation or model

Interpret - Use knowledge and understanding to recognise trends and draw conclusions from given information

Review - To re-examine deliberately or critically, usually with a view to approval or dissent; to analyse results for the purpose of giving an opinion

Design - To conceive, create and execute according to plan

Reflect - To consider in order to correct or improve

Recognise - Identify facts, characteristics or concepts that are critical (relevant / appropriate) to the understanding of a situation, event, process or phenomenon

Develop - To evolve; to make apparent or expand in detail

Use - Apply knowledge or rules to put theory into practice

Reflect - To consider in order to correct or improve

Understanding about Science	Building Blocks
Investigating in Science	System & Interactions
Communicating in Science	Energy
Science in Society	Sustainability

NoS = Nature of Science
EaS = Earth & Space
CW = Chemical World
PW = Physical World
BW = Biological World

Adapted from the Junior Cycle Science Curriculum Specification available at www.curriculumonline.ie

More science resources available at www.jct.ie/science/science.php