

Bloom's Taxonomy

Category

Examples & Key Words

Knowledge

Recall data or information.

Examples: Recite the principles of the Data Protection Act. Quote what ICT stands for. Know the health & safety rules of the classroom.

Goldilocks: Who was Goldilocks? Where did she live? What did her mother tell her not to do?

Key Words: define, describe, identify, know, label, list, match, name, outline, recall, recognise, reproduce, select, state.

Comprehension

Understand the meaning of instructions and problems. State a problem in one's own words.

Examples: Translate an equation into a spreadsheet formula. Explain in one's own words how to create a query in a database. Use the best piece of software to complete a particular task.

Goldilocks: Why didn't her mother want her to go into the forest? What kind of girl was she? What did she look like? What does the story tell us?

Key Words: comprehend, convert, defend, distinguish, estimate, explain, extend, generalise, give examples, infer, interpret, paraphrase, predict, rewrite, summarise, translate.

Application

Use a concept in a new situation. Apply what was learned in the classroom into situations in the wider world.

Examples: Use the distance travelled & cost of petrol to calculate the cost of a coach trip using a spreadsheet. Use a costing model to vary prices on goods to maximise profits and minimise costs.

Goldilocks: How were the bears like real people? Why did Goldilocks go into the house? Create a sign that should be placed near the forest. Draw a picture of the bears' house.

Key Words: apply, change, compute, construct, demonstrate, discover, manipulate, modify, operate, predict, prepare, produce, relate, show, solve, use.

Analysis

Separate material or concepts into component parts so the organisational structure may be understood. Distinguish between facts and inferences.

Examples: Recognise reliable sources of information. Draw conclusions based on statistical data: why are games consoles searched for more in the last four months of the year than at other times?

Goldilocks: How did each bear react to what Goldilocks did? How would you react? Compare Goldilocks to a friend of yours.

Key Words: analyse, break down, compare, contrast, deconstruct, differentiate, discriminate, distinguish, identify, illustrate, infer, outline, relate, select, separate.

Synthesis

Build a structure or pattern from diverse elements. Put parts together to form a whole, with emphasis on creating a new meaning or structure.

Examples: Write a user guide for a computer system. Design a spreadsheet/database system to perform a specific task. Revise how to complete a complex task in order to improve the outcome.

Goldilocks: List the events of the story in sequence. Do you know any other stories about children who escaped from danger?

Key Words: categorise, combine, compile, compose, create, devise, design, explain, generate, modify, organise, plan, rearrange, reconstruct, relate, reorganise, revise, rewrite, summarise, tell, write.

Evaluation

Make judgments about the value of ideas or materials.

Examples: Explain choices made in making recommendations to an end user. Compare your use of ICT with other methods.

Goldilocks: Why were the bears angry with Goldilocks? Would you have gone into the bears' house? Why would an adult write a story like this for children?

Key Words: appraise, compare, conclude, contrast, criticise, critique, defend, describe, discriminate, evaluate, explain, interpret, justify, relate, summarise, support.