



THINKING AND REASONING SKILLS

Bloom's Taxonomy of Thinking Skills

Further information on Bloom's taxonomy can easily be found through an internet search. His thinking skills can be categorised into three levels as follows:

THINKING SKILL	Level 1	Level 2	Level 3
Labelling	*		
Describing	*		
Comparing	*		
Classifying	*		
Counting	*		
Explaining		*	
Scanning		*	
Selecting relevant information		*	
Reading explicit instructions		*	
Brainstorming		*	
Predicting		*	
Planning		*	
Eliminating		*	
Checking		*	
Mentally visualising			*
Summarising			*
Revising			*
Evaluating			*
Justifying			*
Analysing			*
Synthesising			*
Recognising implicit clues			*
Hypothesising			*
Anticipating			*

Bloom's taxonomy of thinking skills and abstract reasoning is linked with Blank's levels of questioning (see additional resources for information on Blank's questions).

Knowledge	Remembering and retaining	Say what you know and remember. Describe, who, what when, which, where repeat, identify	Blank level 1 and 2
Comprehension	Interpreting and understanding	Describe in own words; talk about feelings, say what things mean, explain, compare, relate	Blank level 2 and 3
Application	Make use of information	How can you use it, where does it lead you, apply what you know, use to solve problems, demonstrate	Blank level 2 and 4
Analysis	Taking apart	What are the parts, the order, the reasons why, the causes, the problems, the solutions, the consequence	Blank level 2 and 4
Synthesis	Putting together	How might it be different, how else, what if, suppose develop improve, create in your own way,	Blank level 3 and 4
Evaluation	Judging and assessing	How would you judge it, does it succeed, will it work, what would you prefer, why do you think so	Blank level 4

Reference: Levels of questioning in the classroom. Cluster Language Project May 2009 (sue Jamal and Gwen Lancaster LBL Support Team, Chaucer Centre. Merton Council.

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