

LOW LEVEL THINKING SKILLS

HIGH LEVEL THINKING SKILLS

Knowledge

Recall /regurgitate facts without understanding. Exhibits previously learned material by recalling facts, terms, basic concepts and answers.

Comprehension

To show understanding finding information from the text. Demonstrating basic understanding of facts and ideas.

Application

To use in a new situation. Solving problems by applying acquired knowledge, facts, techniques and rules in a different way.

Analysis

To examine in detail. Examining and breaking information into parts by identifying motives or causes; making inferences and finding evidence to support generalisations.

Synthesis

To change or create into something new. Compiling information together in a different way by combining elements in a new pattern or proposing alternative solutions.

Evaluation

To justify. Presenting and defending opinions by making judgements about information, validity of ideas or quality of work based on a set of criteria.

Key words:

Choose Observe Show
Copy Omit Spell
Define Quote State
Duplicate Read Tell
Find Recall Trace
How Recite What
Identify Recognise When
Label Record Where
List Relate Which
Listen Remember Who
Locate Repeat Why
Match Reproduce Write
Memorise Retell
Name Select

Key words:

Ask Extend Outline
Cite Generalise Predict
Classify Give examples Purpose
Compare Relate
Contrast Illustrate Rephrase
Demonstrate Report
Indicate Restate
Discuss Infer Review
Estimate Interpret Show
Explain Match Summarise
Express Observe Translate

Key words:

Act Employ Practice
Administer Experiment Relate
Apply with Represent
Associate Group Select
Build Identify Show
Calculate Illustrate Simulate
Categorise Interpret Solve
Choose Interview Summarise
Classify Link Teach
Connect Make use of Transfer
Construct Manipulate Translate
Correlation Model Use
Demonstrate Organise
Develop Perform
Dramatise Plan

Key words:

Analyse Examine Prioritize
Appraise Find Question
Arrange Focus Rank
Assumption Function Reason
Breakdown Group Relationship
Categorise Highlight ships
Cause and In-depth Reorganise
effect discussion Research
Choose Inference See
Classify Inspect Select
Differences Investigate Separate
Discover Isolate Similar to
Discriminate List Simplify
Dissect Motive Survey
Distinction Omit Take part in
Distinguish Order Test for
Divide Organise Theme
Establish Point out Comparing

Key words:

Adapt Estimate Plan
Add to Experiment Predict
Build Extend Produce
Change Formulate Propose
Choose Happen Reframe
Combine Hypothesise Revise
Compile Imagine Rewrite
Compose Improve Simplify
Construct Innovate Solve
Convert Integrate Speculate
Create Invent Substitute
Delete Make up Suppose
Design Maximise Tabulate
Develop Minimise Test
Devise Model Theorise
Discover Modify Think
Discuss Original Transform
Elaborate Originate Visualise

Key words:

Agree Disprove Measure
Appraise Dispute Opinion
Argue Effective Perceive
Assess Estimate Persuade
Award Evaluate Prioritise
Bad Explain Prove
Choose Give reasons Rate
Compare Good Recommend
Conclude Grade Rule on
Consider How do we Select
Convince know? Support
Criteria Importance Test
Criticise Infer Useful
Debate Influence Validate
Decide Interpret Value
Deduct Judge Why
Defend Justify
Determine Mark

Actions:

Describing
Finding
Identifying
Listing
Locating
Naming
Recognising
Retrieving

Outcomes:

Definition
Fact
Label
List
Quiz
Reproduction
Test
Workbook
Worksheet

Actions:

Classifying
Comparing
Exemplifying
Explaining
Inferring
Interpreting
Paraphrasing
Summarising

Outcomes:

Collection
Examples
Explanation
Label
List
Outline
Quiz
Show and tell
Summary

Actions:

Carrying out
Executing
Implementing
Using

Outcomes:

Demonstration
Diary
Illustrations
Interview
Performance
Presentation
Sculpture
Simulation

Actions:

Attributing
Deconstructing
Integrating
Organising
Outlining
Structuring

Outcomes:

Abstract
Chart
Checklist
Database
Journal
Mobile
Report
Spread sheet
Survey

Actions:

Constructing
Designing
Devising
Inventing
Making
Planning
Producing

Outcomes:

Advertisement
Film
Media product
New game
Painting
Plan
Project
Song
Story

Actions:

Attributing
Checking
Deconstructing
Integrating
Organising
Outlining
Structuring

Outcomes:

Abstract
Chart
Checklist
Database
Graph
Mobile
Report
Spread sheet
Survey

Questions:

Can you list three ...?
Can you recall ...?
Can you select ...?
How did _____ happen?
How is ...?
How would you describe ...?
How would you explain ...?
How would you show ...?
What is ...?
When did ...?
When did _____ happen?
Where is ...?
Which one ...?
Who was ...?
Who were the main ...?
Why did ...?

Questions:

Can you explain what is happening . . . what is meant . . . ?
How would you classify the type of ...?
How would you compare ...?contrast ...?
How would you rephrase the meaning ...?
How would you summarise ...?
What can you say about ...?
What facts or ideas show ...?
What is the main idea of ...?
Which is the best answer ...?
Which statements support ...?
Will you state or interpret in your own words ...?

Questions:

How would you use...?
What examples can you find to ...?
How would you solve _____ using what you have learned ...?
How would you organise _____ to show ...?
How would you show your understanding of ...?
What approach would you use to...?
How would you apply what you learned to develop ...?
What other way would you plan to ...?
What would result if ...?
Can you make use of the facts to ...?
What elements would you choose to change ...?
What facts would you select to show ...?
What questions would you ask in an interview with ...?

Questions:

What are the parts or features of ...?
How is _____ related to ...?
Why do you think ...?
What is the theme ...?
What motive is there ...?
Can you list the parts ...?
What inference can you make ...?
What conclusions can you draw ...?
How would you classify ...?
How would you categorise ...?
Can you identify the difference parts ...?
What evidence can you find ...?
What is the relationship between ...?
Can you make a distinction between ...?
What is the function of ...?
What ideas justify ...?

Questions:

What changes would you make to solve...?
How would you improve ...?
What would happen if...?
Can you elaborate on the reason...?
Can you propose an alternative...?
Can you invent...?
How would you adapt _____ to create a different...?
How could you change (modify) the plot (plan)...?
What could be done to minimise (maximise)...?
What way would you design...?
Suppose you could _____ what would you do...?
How would you test...?
Can you formulate a theory for...?
Can you predict the outcome if...?
How would you estimate the results for...?
What facts can you compile...?
Can you construct a model that would change...?
Can you think of an original way for the ...?

Questions:

Do you agree with the actions/outcomes...?
What is your opinion of...?
How would you prove/disprove...?
Can you assess the value/importance of...?
Would it be better if...?
Why did they (the character) choose...?
What would you recommend...?
How would you rate the...?
What would you cite to defend the actions...?
How would you evaluate ...?
How would you determine...?
What choice would you have made...?
What would you select...?
How would you prioritise...?
What judgement would you make about...?
Based on what you know, how would you explain...?
What information would you use to support the view...?
How would you justify...?
What data was used to make the conclusion...?

Bloom's Taxonomy: Teacher Planning Kit