

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
Copy
Define
Duplicate
Find
How
Identify
Label
List
Listen
Locate
Match
Memorise
Name

Observe
Omit
Quote
Read
Recall
Recite
Recognise
Record
Relate
Remember
Repeat
Reproduce
Retell
Select

Show
Spell
State
Tell
Trace
What
When
Where
Which
Who
Why
Write

Ask
Cite
Classify
Compare
Contrast
Demonstrate
Illustrate
Indicate
Infer
Interpret
Estimate
Discuss
Estimate
Interpret
Express
Observe

Extend
Generalise
Give examples
Relate
Report
Restate
Review
Show
Summarise
Translate

Outline
Predict
Purpose
Relate
Rephrase
Show
Simulate
Summarise
Teach
Transfer
Translate
Use

Key words:**Key words:**

Act
Administer
Associate
Build
Calculate
Categorise
Choose
Classify
Connect
Construct
Correlation
Demonstrate
Develop
Dramatise

Employ
Experiment
with
Group
Identify
Illustrate
Interpret
Interview
Link
Manipulate
Model
Organise
Perform
Plan

Practice
Relate
Represent
Select
Show
Simulate
Solve
Summarise
Teach
Transfer
Translate
Use

Key words:

Analyse
Appraise
Arrange
Assumption
Categorise
Cause and effect
Choose
Classify
Discover
Discriminate
Dissect
Distinction
Distinguish
Divide
Establish

Examine
Find
Focus
Function
Highlight
In-depth discussion
Reorganise
Research
See
Inspect
Investigate
Isolate
Survey
List
Motive
Omit
Order
Organise
Point out

Prioritise
Question
Rank
Reason
Relationships
Reorganise
Research
Select
Separate
Similar to
Simplify
Survey
Take part in
Test for
Theme
Comparing

Key words:

Adapt
Add to
Build
Change
Choose
Combine
Compile
Compose
Construct
Convert
Create
Delete
Design
Develop
Devise
Discover
Discuss
Elaborate

Estimate
Experiment
Extend
Formulate
Propose
Happen
Hypothesise
Rewrite
Improve
Simplify
Innovate
Integrate
Invent
Make up
Maximise
Minimise
Model
Modify
Original
Originiate

Plan
Predict
Produce
Reframe
Revise
Rewrite
Simplify
Speculate
Substitute
Suppose
Tabulate
Test
Theorise
Think
Transform
Visualise

Key words:

Agree
Appraise
Argue
Assess
Award Bad
Choose
Compare
Conclude
Consider
Convince
Criteria
Criticise
Decide
Deduct
Defend
Determine
Judge
Justify
Mark

Disprove
Dispute
Effective
Estimate
Evaluate
Persuade
Prioritise
Prove Rate
Recommend
Good
Rule on
Select
Support
Test Useful
Value Why
Infer
Importance
Validate
Interpret
Interpret
Justify
Mark

Actions:**Outcomes:****Actions:****Outcomes:****Actions:****Outcomes:****Actions:****Outcomes:****Actions:****Outcomes:****Actions:****Outcomes:**

Describing
Finding
Identifying
Listing
Locating
Naming
Recognising
Retrieving

Fact
Label
List
Quiz
Reproduction
Test
Workbook
Worksheet

Definition
Comparing
Exemplifying
Explaining
Inferring
Interpreting
Paraphrasing
Summarising

Classification
Comparing
Exemplifying
Explaining
Label
List
Outline
Quiz
Show and tell
Summary

Collection
Examples
Explanation
Label
List
Outline
Quiz
Show and tell
Summary

Carrying out
Executing
Implementing
Using

Demonstration
Diary
Illustrations
Interview
Journal
Performance
Presentation
Sculpture
Simulation

Attributing
Deconstructing
Integrating
Organising
Outlining
Structuring

Abstract
Chart
Checklist
Database
Graph
Mobile
Report
Spread sheet
Survey

Constructing
Designing
Devising
Database
Inventing
Graph
Mobile
Planning
Producing

Advertisement
Film
Media product
New game
Painting
Plan
Project
Song
Story

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 ...?

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 ...?
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 ...?

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 ...?

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 ...?

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 ...?

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 could 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...?