

Thinking Hard Devices

Thinking hard is a key part of the learning process.

Changing the type of activity or task is a useful way of increasing the level of challenge for learners.

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|  | Possible Activities |
| Knowledge & Understanding | 1.Reduce | * Record the main bullet points
* Write a summary
* Write a heading which sums up the content
 |
| 2.Transform | Change the information into:* Images, Diagrams, Charts, Tables
* Music, Poetry, Performance
 |
| 3.Deconstruct | * Split information into sections
* Create headings
* Highlight key terms, phrases, quotes etc
 |
| 4.Derive | Explore the information by asking yourself:* What is the key message / hidden message?
* Why did things happen?
* What questions need to be asked?
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| Analysis & Application | 5.Prioritise | * Rank things in order of importance
* Select the most important element
* Justify how you reached the decision
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| 6.Categorise | * Find common elements
* Create groups
* Describe characteristics for belonging to each group
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| 7.Criticise | * Give your opinion
* Have a debate
* Find conflicting evidence
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| 8.Trends and patterns | * Seek out key information / data
* Organise it on a timeline
* Describe any common changes
 |
| 9.Practise | * Repeat an activity
* Complete a partial example
* Explain a completed example
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| Flexibility of Thinking | 10.Make connections | * Identify key elements
* Draw links between elements
* Describe relationships between elements
 |
| 11.Compare | * Find similarities
* Find differences
* Describe the impact of it being the same or different
 |
| 12.Extend | * Finish a sentence, sequence, equation, image
* Add your own opinion
* Write the next paragraph
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