
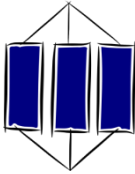
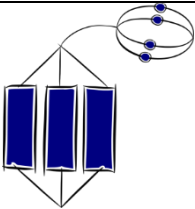



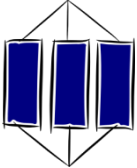
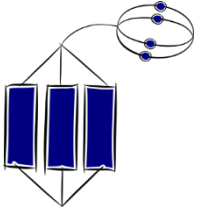


Tony Ryan's Thinkers Keys: SOLO Levels and Strategies

Reverse Key	What If Key	Disadvantages Key	Combination Key	BAR Key	Alphabet Key	Variations Key	Picture Key	Prediction Key	Different Use Key
Multistructural task.	Extended abstract task.	Relational task.	Extended abstract task.	Relational task.	Multistructural task.	Multistructural task.	Relational task.	Extended abstract task.	Extended abstract task.
<i>Come up with 5 things that could never happen.</i>	<i>Generate new ideas</i>	<i>List disadvantages and then list ways of managing them</i>	<i>List the attributes of 2 dissimilar objects. Combine them into a single object.</i>	<i>Redesign everyday objects using - Bigger Add Replace .</i>	<i>Create a list of words from A to Z which have relevance to an object/s. Expand on these ideas.</i>	<i>Start each question with "How many ways can you ..."</i>	<i>Work out ways to link an unrelated drawing to the idea being studied.</i>	<i>Make a prediction</i>	<i>List some different uses.</i>
	HOT Prediction Map and self-assessment rubric	HOT Describe Map and self-assessment rubric	HookED Describe++ Map and self-assessment rubric	Flexibility	Matching items	Fluency	HookED Analogy Map and self-assessment rubric	HOT Predict Map and self-assessment rubric	HookED Describe++ Map and self-assessment rubric
Ridiculous Key	Commonality Key	Question Key	Brainstorming Key	Inventions Key	Brick Wall Key	Construction Key	Forced Relationships Key	Alternative Key	Interpretation Key
Extended abstract task.	Relational task.	Relational task.	Multistructural task.	Extended abstract task.	Extended abstract task.	Extended abstract task.	Extended abstract task.	Extended abstract task.	Extended abstract task.
<i>Make a ridiculous statement and then defend it.</i>	<i>Find commonality between two dissimilar objects.</i>	<i>Identify an answer and come up with 5 questions which could be only have that answer.</i>	<i>Generate a list of solutions to a problem</i>	<i>Sketch an invention.</i>	<i>Break down a statement that is generally never disputed.</i>	<i>Make stuff out of readily available materials</i>	<i>Solve a problem using seemingly unconnected objects</i>	<i>List ways to complete a task without using the normal tools.</i>	<i>Explain an unusual situation in different ways.</i>
HookED Explain Effect Map and self-assessment rubric	HOT Compare and Contrast and self-assessment rubric HookED Analogy Map and self-assessment rubric	HookED Explain causes Map and self-assessment rubric	Fluency	Innovation	Fluency and Flexibility	HOT Sequence Map and self-assessment rubric	HookED Explain Effect Map and self-assessment rubric	HOT Analysis and self-assessment rubric Flexibility	HookED Explain Causes Map and self-assessment rubric

<p>Thinking strategies for:</p> <ul style="list-style-type: none"> • bringing in ideas • connecting ideas and • thinking about connected ideas in a new way 			
	<p align="center">Multistructural Outcomes Bringing in ideas</p>	<p align="center">Relational Outcomes Connecting ideas</p>	<p align="center">Extended abstract outcomes Extending ideas</p>
<p>Tony Ryan's Thinkers Keys http://www.thinkerskeys.com/</p>	<p>The Alphabet Key The Variations Key The Picture Key The Brainstorming Key</p>	<p>The Reverse Listing Key The Disadvantages Key The BAR Key The Alphabet Key The Variations Key The Picture Key The Commonality Key The Question Key</p>	<p>The What If Key The Combination Key The Prediction Key The Different Uses Key The Ridiculous Key The Inventions Key The Brick Wall Key The Construction Key The Forced Relationships Key The Alternative Key The Interpretation Key</p>

use: Tony Ryan's Thinkers Keys.

<p>use Tony Ryan's Thinkers Keys.</p> <p>[Highlight Key]</p>					
<p>The Alphabet Key The Variations Key The Picture Key The Brainstorming Key The Reverse Listing Key The Disadvantages Key The BAR Key The Alphabet Key The Variations Key The Picture Key The Commonality Key The Question Key The What If Key The Combination Key The Prediction Key The Different Uses Key The Ridiculous Key The Inventions Key The Brick Wall Key The Construction Key The Forced Relationships Key The Alternative Key The Interpretation Key</p>	<p>I need help to use [Tony Ryan's Thinkers Keys].</p>	<p>I can use [Tony Ryan's Thinkers Keys] if I am prompted or directed.</p>	<p>I use [Tony Ryan's Thinkers Keys] but I am not sure when and or why to use them.</p> <p><i>(trial and error – aware of strategies but not sure why or when to use them so makes mistakes)</i></p>	<p>I use [Tony Ryan's Thinkers Keys] and I know when and why to use them.</p> <p><i>(strategic or purposeful use of strategies – knows why and when).</i></p>	<p>I use [Tony Ryan's Thinkers Keys] and I know when and why to use them.</p> <p>I can teach others to use [Tony Ryan's Thinkers Keys].</p> <p>I act as a role model for others to help them use [Tony Ryan's Thinkers Keys].</p> <p>I seek feedback on how to improve how I can use [Tony Ryan's Thinkers Keys].</p>
<p>Effective Strategies [insert Strategies suggested by Students and teachers]</p>					