


Mind Map & FreeMind

COMP2221 Tutorial 1
By LAI Ye Tao Gabriel



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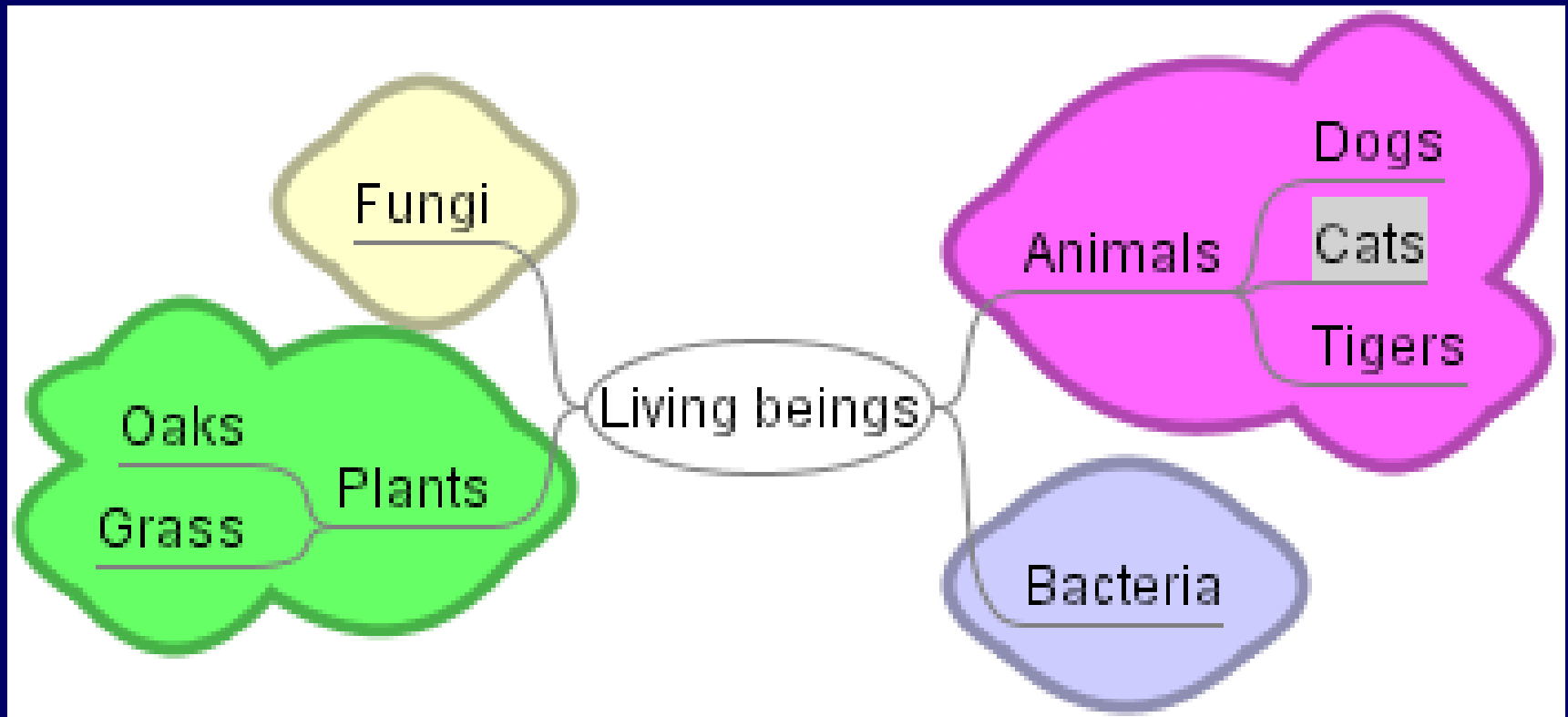
- What is Mind Map?
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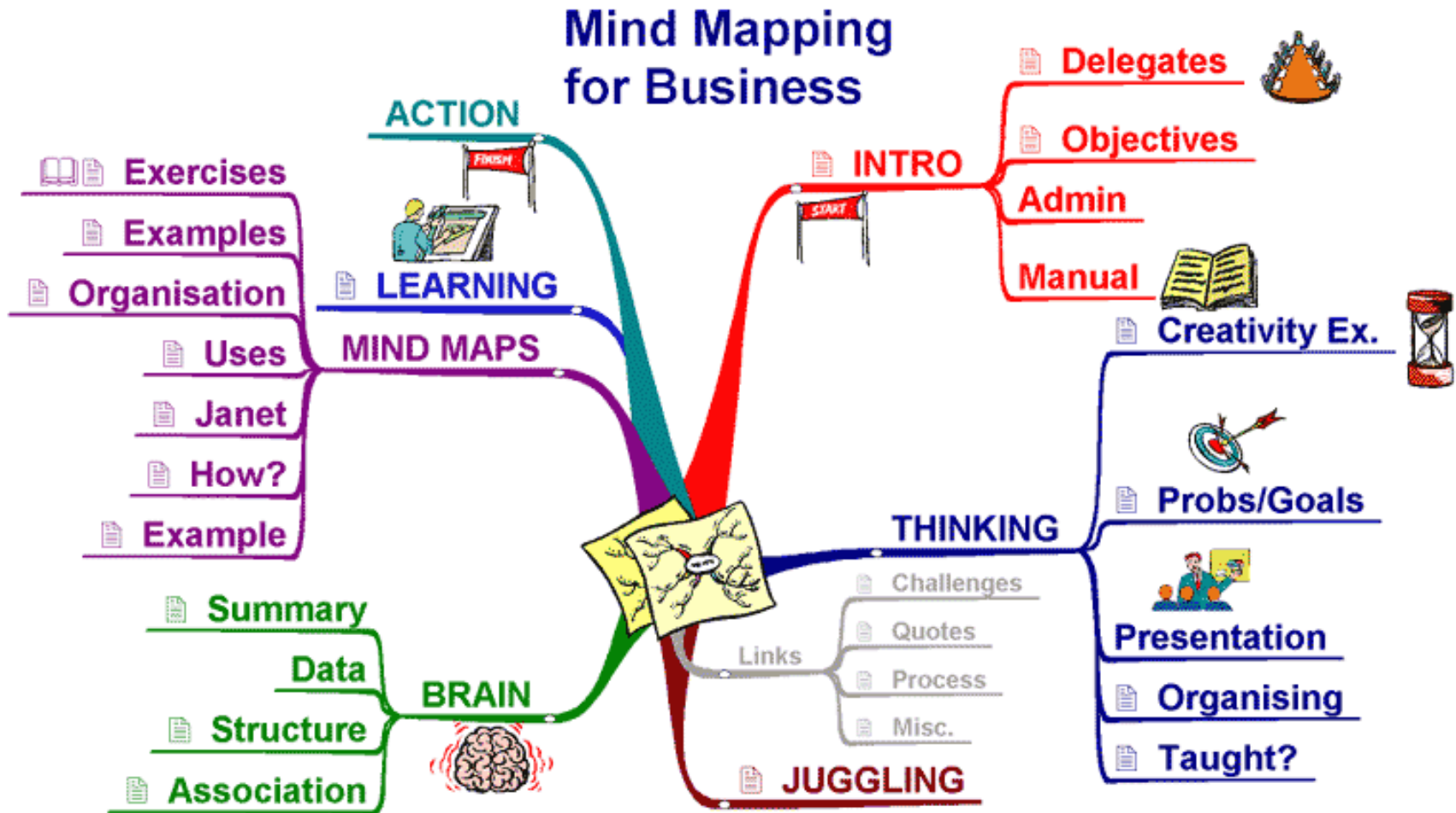
What is Mind Map?

- ❑ Originated by Tony Buzan in 1971
 - ❑ A picture that represents semantic connections between portions of (learned) material.
 - ❑ Suggestion: reading left to right and top to bottom
 - ❑ Applications: note-taking, note-making, brainstorming, summarizing, revising and general clarifying of thoughts
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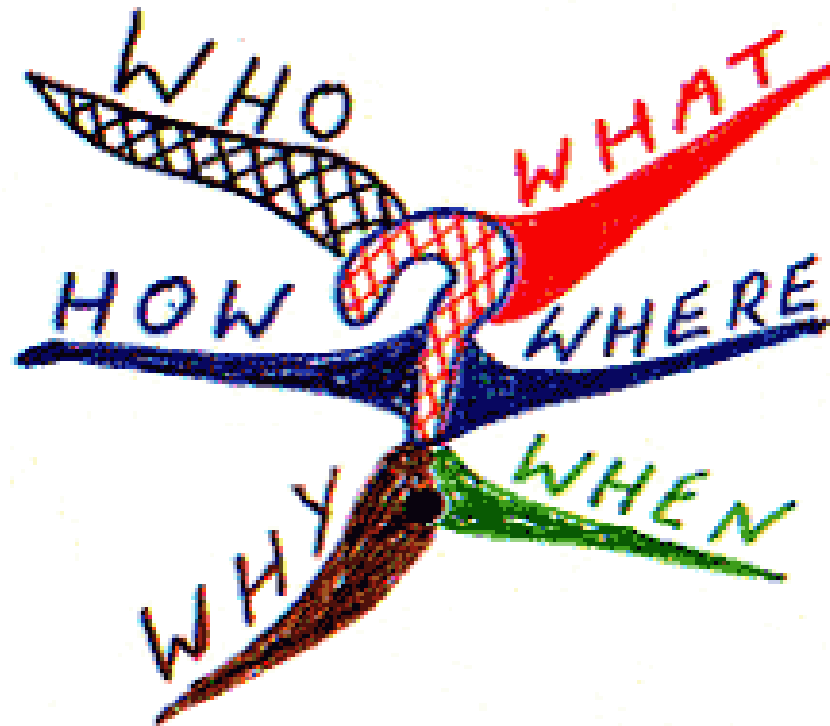
Examples of Mind Map



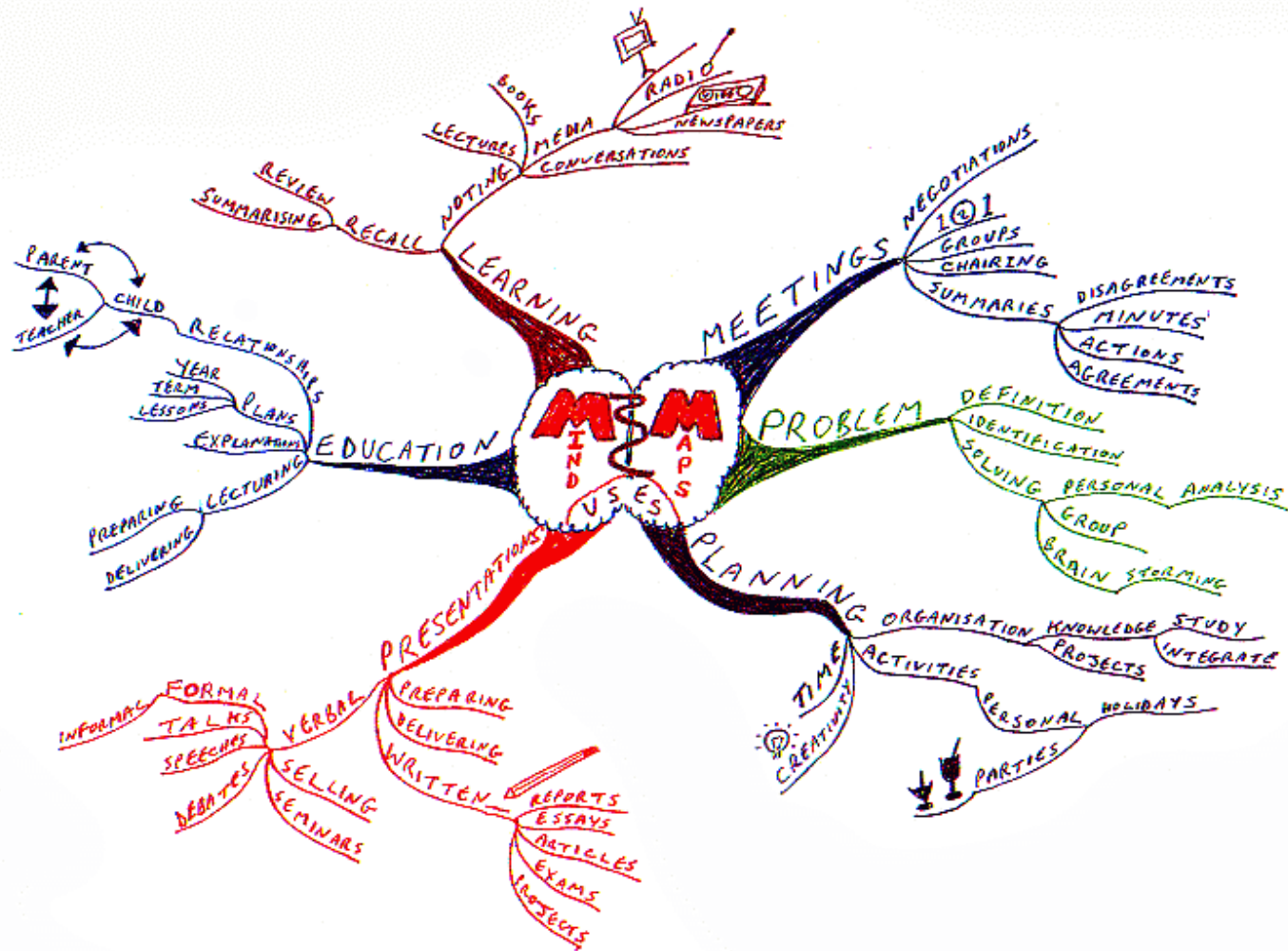
Examples of Mind Map



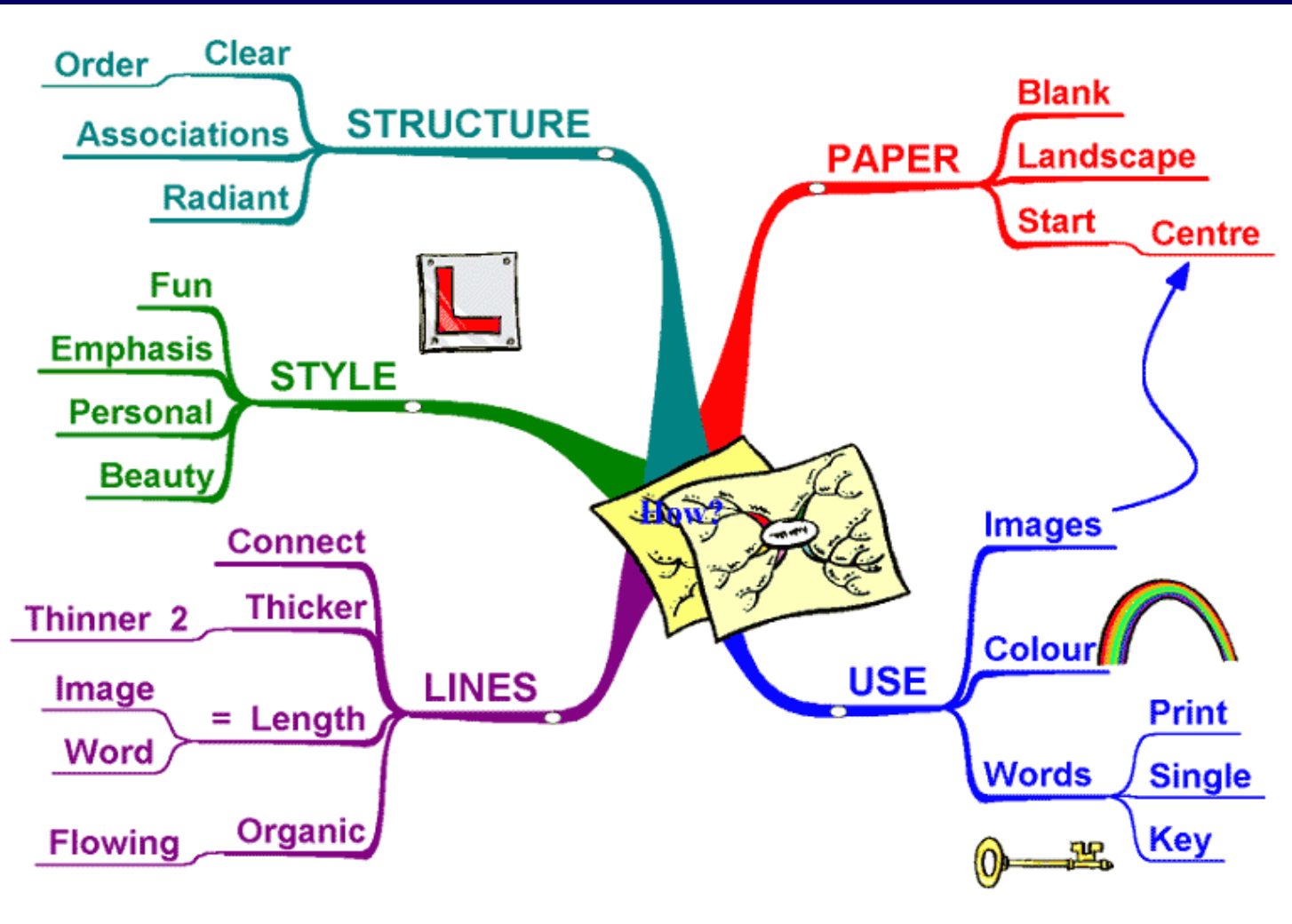
Examples of Mind Map

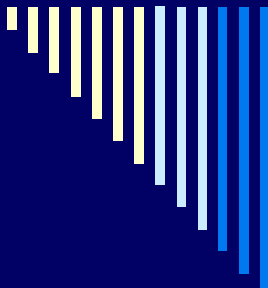


Examples of Mind Map



Examples of Mind Map





Why do we use it for Software Engineering?

- Help us write down any ideas or notes in every step of engineering
 - Examples:
 - Requirements Specification – write down all user requirements
 - Functional Specification – write down all functions which the system may include
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FreeMind – Tool for drawing Mind Map



- FreeMind is a premier *free* mind-mapping software written in *Java*
 - Installation: -
 - Requires Java 1.4 or higher
 - JRE must be installed first
 - Details provided at: -
 - <http://freemind.sourceforge.net/>
 - Download at: -
 - http://freemind.sourceforge.net/#h3_0
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How can we draw a Mind Map using Free Mind?

New Mindmap

right click on mouse

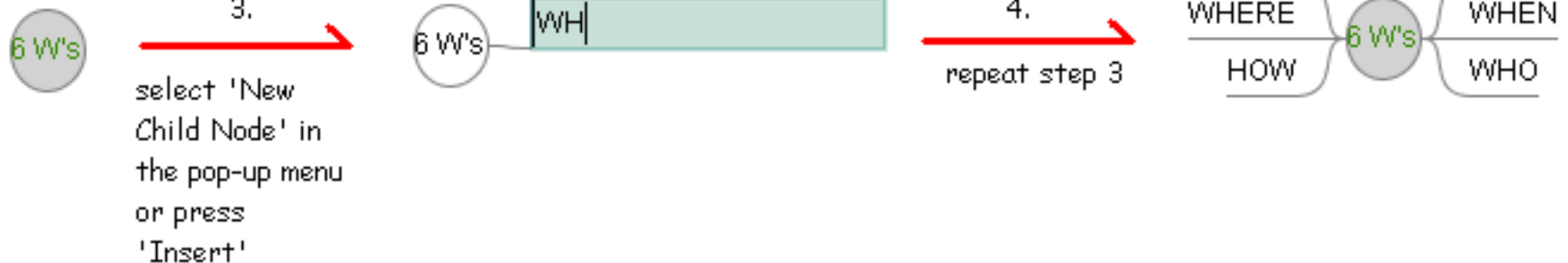
New Mindman

Edit	F2
Edit a long node	Alt+Enter
New Child Node	Insert
 Cut	Ctrl+X
 Copy	Ctrl+C
Copy Single	Ctrl+Y
 Paste	Ctrl+V
Node	▶
Branch	▶
Edge	▶
Physical Style	▶
Icons	▶

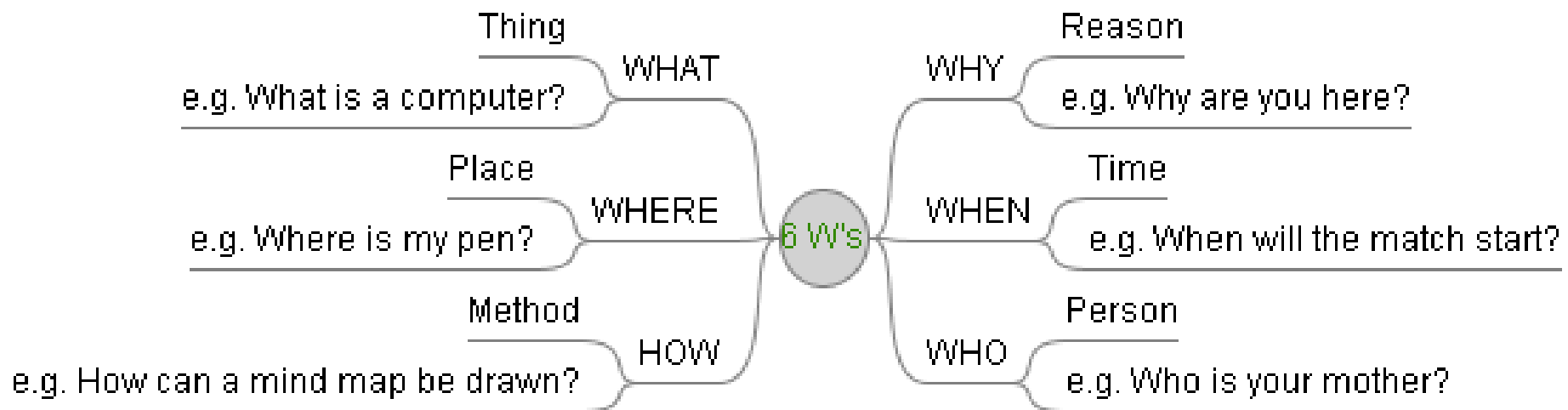
press F2 or choose the option in the pop-up menu

6 W's

How can we draw a Mind Map using Free Mind?



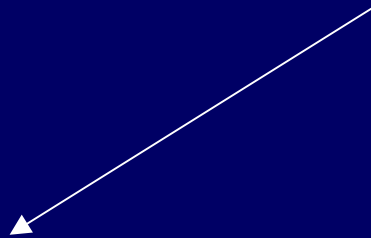
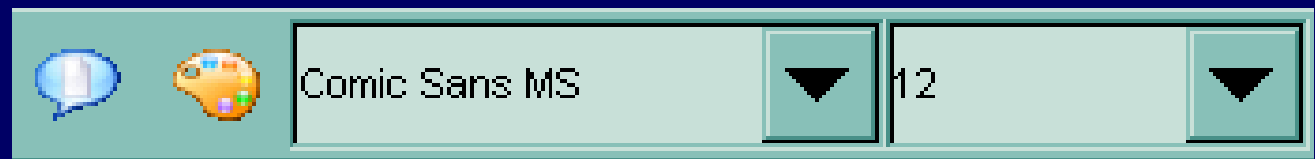
How can we draw a Mind Map using Free Mind?



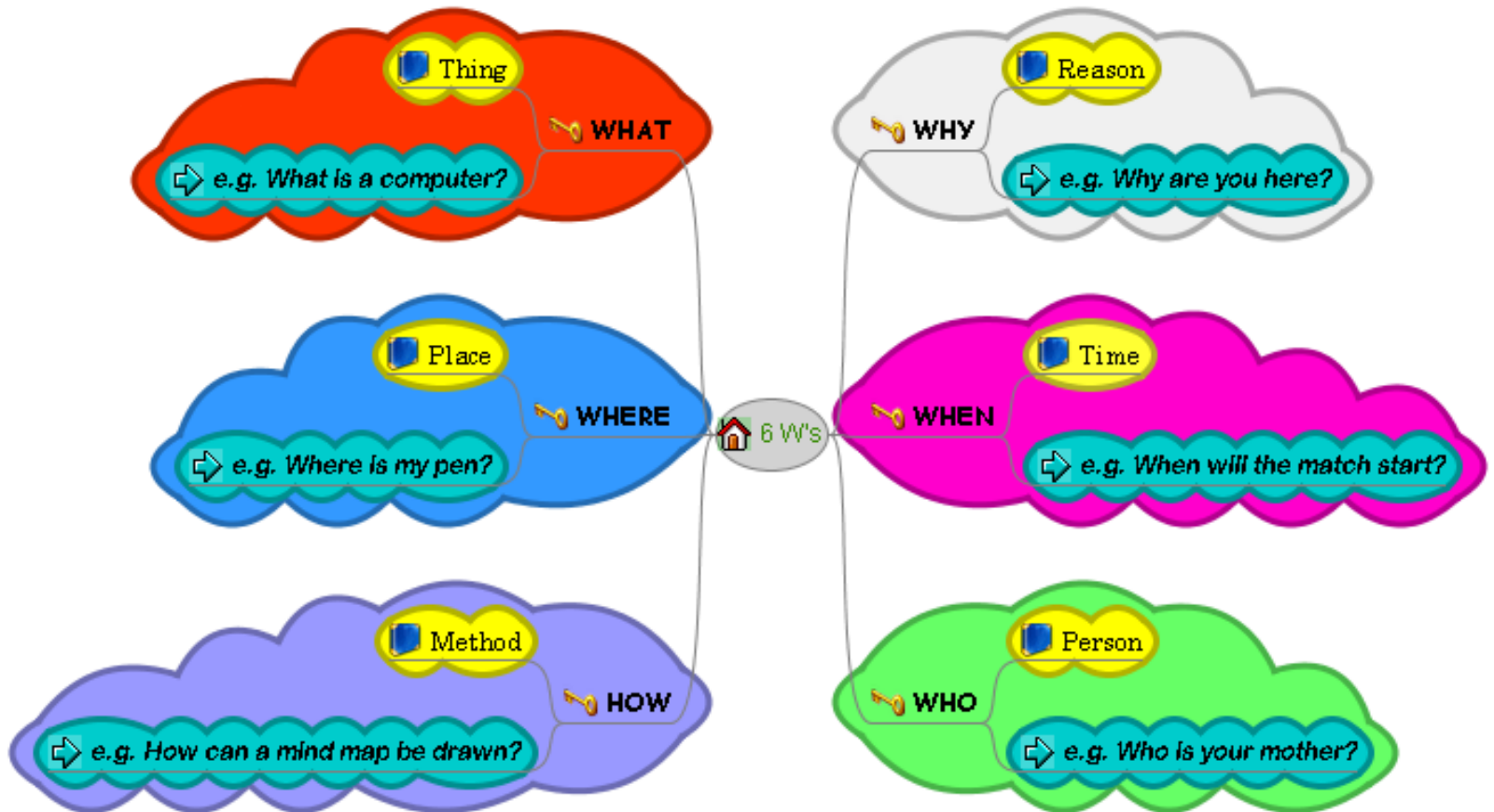
Mind Map of 6W's with more details

How can we draw a Mind Map using Free Mind?

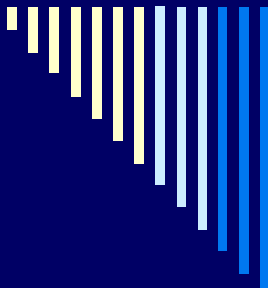
- Decorations of the mind map can be done by the options on the tool bar and the icon bar



How can we draw a Mind Map using Free Mind?



Mind Map of 6W's - final product



How can we draw a Mind Map using Free Mind?

□ Notes: -

- A node **MUST** be highlighted before doing any actions on that node, including: -
 - Inserting child nodes
 - Adding icons
 - Etc.
 - To delete a node, 'cut' function can be used instead
-



References

- <http://www.mind-mapping.co.uk/mind-maps-examples.htm>
 - http://www.mindtools.com/pages/article/newLSS_01.htm
 - <http://encyclopedia.thefreedictionary.com/Mindmapping>
 - <http://freemind.sourceforge.net/>
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