

# Concept Mapping As A Revision Tool



## Organising the Study

- Students were given a disc with Freemind Mapping Software and a sample concept map
- A lesson on how to use the software was given to the students
- A lesson on how to choose relevant information from a topic was given
- Students were tested on a topic having used a concept map as a revision tool to assess the impact using concept maps has on each students' average grade
- Students were given a questionnaire to assess the value they placed on using concept maps as a revision tool

## Results of the Study

- High achievers maintained their grades with no significant improvement
- Both average and low achievers increased their grades
- Average achievers made the most significant increase in test results

Independent Learning

Student Motivation

Revision Tool

Ease of Use

Why  
Concept  
Mapping  
Using ICT?

Visual Learning Aid

Organise Information

## Teacher Reflections

- The majority of students preferred using the software to generate concept maps as opposed to drawing them by hand
- Students felt it made them more focussed on what they actually needed to learn
- The students appreciated being taught revision techniques as they felt it was a skill they had not developed

## Student Responses to Questionnaire

- Felt more motivated to revise
- Felt they knew topics better having made concept maps
- Majority of students have said they will continue to use concept maps to study
- Students commented they felt more confident and prepared for their exam having made concept maps on the topic
- Students felt that making concept maps helped them link information from different topics on the syllabus



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