

UNIVERSITY TEACHING IN 10 MINUTES
BIRS WOMEN IN MATHEMATICS WORKSHOP

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OBJECTIVES

You will be able to

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You will be able to

- explain what the relationship between fear and excitement is;

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- explain 3 techniques for use in presentations.

How do **fear** and **excitement** differ?

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Physiologically they are exactly the same body response!

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*You need to **choose** to walk into class being excited about teaching and not frightened by it.*

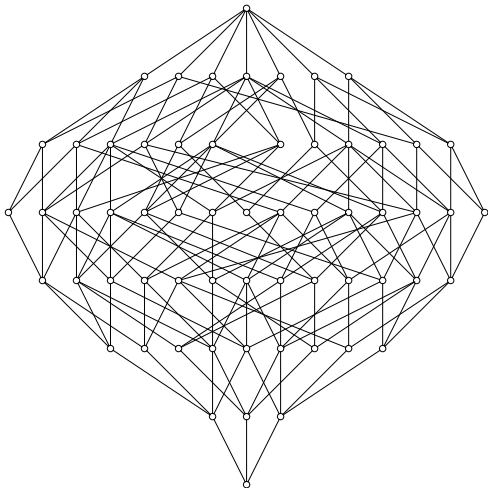
TECHNOLOGY

Why does the technology you use for a presentation matter?

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Lattice drawing courtesy of Eric Martin.



BLACKBOARD

Draw a 2^3 on the board

ALTERNATE TECHNOLOGIES

- \LaTeX beamer
- Power Point
- Blackboard
- Whiteboard
- Overhead Projector
- Paper
- Spoken word

THREE TECHNIQUES

The three techniques of interest today are:

- 1 the rule of 3 versus circles;
- 2 visuals; and
- 3 simplicity.

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The rule of 3:

- Concepts should come in sets of 3 and NOT more.
- People can remember 3 things.
- Example: Techniques of interest today
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RULE OF 3 VERSUS CIRCLES

Many First Nations groups use the underlying concept of the circle of life to arrange information.



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- 7% textually

- 38% verbally

- 55% visually

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SIMPLICITY

The things to keep simple include:

- statement of objectives;
- the use of colour and backgrounds; and
- the use of language — jargon and transition statements.

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REFERENCES

- 1 <http://www.galenfrysinger.com/nikkojapan.htm>
- 2 <http://www.generalcomics.com/5.php>
- 3 <http://www.nwlink.com/~donclark/leader/leadpres.html>
- 4 <http://www.presentationhelper.co.uk/presentationdesign.htm>
- 5 lattice drawing by Eric Martin
- 6 Instructional Skills Workshop
- 7 Facilitator Development Workshop

THE END