Lesson Features
- a checklist for encouraging learning -

☐ application focus  ☐ kinaesthetic
☐ assessment opportunities  ☐ links to learning theory
☐ builds on personal student experience  ☐ mathematical modelling
☐ communicating mathematics  ☐ mixed ability
☐ concept focus  ☐ multiple entry & exit points
☐ concrete materials  ☐ non-threatening
☐ concurrent teaching of topics  ☐ open-ended
☐ differentiation for ability range  ☐ outdoor
☐ easy to state/easy to start  ☐ ownership
☐ estimation  ☐ recording & publishing
☐ first hand data  ☐ skill development in context
☐ game context  ☐ social issues
☐ group work  ☐ story shell
☐ history of mathematics  ☐ technology (calculators)
☐ home/school links  ☐ technology (software)
☐ inclusive  ☐ physical involvement
☐ informal or incidental learning  ☐ visual (visualisation)
☐ interdisciplinary connections  ☐ whole class
☐ investigative process  ☐ working mathematically process
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- This list has been constructed through discussion with teachers in many workshop situations.
- It is our attempt to build a common language to debate the features of a classroom more likely to engage students in mathematics learning.
- Is there a place for some of these features in every lesson you plan?
- Please 'play' with the list in professional learning and team planning situations and let us know what support it gives you.
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