## EDUC90778 Primary Mathematics Education 1



| Learning Outcomes: | On completion of this subject, with respect to the strands above, teacher candidates will be able <br> to: <br> \# Demonstrate mastery of the topics and their everyday applications which are relevant to <br> primary teaching or are necessary to be personally numerate; <br> \# Demonstrate an understanding of how children construct mathematical knowledge; <br> \# Demonstrate knowledge of a range of classroom teaching techniques; <br> \# Demonstrate knowledge of how children think and learn; <br> \# Demonstrate an ability to develop teaching activities and relate them to learning outcomes. |
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| Assessment: | There are two assessment tasks, both assessment tasks must be passed: a report of a <br> formative assessment task in one Number topic (2000 words) due mid semester, 50\% A report <br> of a formative assessment task in a second Number topic (2000 words) due end of semester, <br> $50 \%$ There are two hurdle requirements: Completion of 8 <br> pass weekly tasks, 0\%. A mastery level <br> seminars/practical classes/lectures/labs) is obligatory. Failure to attend 80\% of classes will <br> normally result in failure in the subject. |
| Prescribed Texts: | Collection of readings Reys, R.E., Lindquist, M.L., Lambdin, D.V., Smith, N.L., Rogers, A., Falle, <br> J., Frid, S., \& Bennett, S. (2012). Helping Children Learn Mathematics, 1st Australian Edition, <br> Melbourne: John Wiley. |
| Breadth Options: | This subject is not available as a breadth subject. |
| Fees Information: | Subject EFTSL, Level, Discipline \& Census Date, http://enrolment.unimelb.edu.au/fees |
| Generic Skills: | On completion of this subject, teacher candidates will have the knowledge, skills and <br> understanding to enable them to: <br> \# Be skilled communicators who can effectively articulate and justify their practices as <br> knowledgeable agents of change. <br> \# Be flexible and able to adapt to change through knowing how to learn; <br> \# Understand the significance of developing their practice on the basis of research evidence; <br> \# Be independent of mind, responsible, resilient, self-regulating. |
| Links to further |  |
| information: |  |

