TIME 1 – STAGE 2

OUTCOMES

A student:

* MA2-1WM

uses appropriate terminology to describe, and symbols to represent, mathematical ideas

* MA2-13MG

reads and records time in one-minute intervals and converts between hours, minutes and seconds

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| CONTENT | plan |
| **Tell time to the minute and investigate the relationship between units of time (ACMMG062)** |  |
| recognise the coordinated movements of the hands on an analog clock, including: | 1 |
| the number of minutes it takes for the minute hand to move from one [numeral](http://syllabus.bos.nsw.edu.au/glossary/mat/numeral/?ajax" \o "Click for more information about 'numeral'" \t "_blank) to the next | 1 |
| the number of minutes it takes for the minute hand to complete one [revolution](http://syllabus.bos.nsw.edu.au/glossary/mat/revolution/?ajax" \o "Click for more information about 'revolution'" \t "_blank) | 1 |
| the number of minutes it takes for the hour hand to move from one numeral to the next | 1 |
| the number of minutes it takes for the minute hand to move from the 12 to any other numeral | 1 |
| the number of seconds it takes for the second hand to complete one revolution | 1 |
| read analog and digital clocks to the minute, including using the terms 'past' and 'to', eg 7:35 is read as 'seven thirty-five' or 'twenty-five to eight' http://syllabus.bos.nsw.edu.au/wsimages/cca/l.png | 3 |
| record in words various times shown on analog and digital clocks http://syllabus.bos.nsw.edu.au/wsimages/cca/l.png | 2 |

TIME 2 – STAGE 2

OUTCOMES

A student:

* MA2-1WM

uses appropriate terminology to describe, and symbols to represent, mathematical ideas

* MA2-2WM

selects and uses appropriate mental or written strategies, or technology, to solve problems

* MA2-13MG

reads and records time in one-minute intervals and converts between hours, minutes and seconds

|  |  |
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| CONTENT | plan |
| **Convert between units of time (ACMMG085)** |  |
| * convert between units of time and recall time facts, eg 60 seconds = 1 minute, 60 minutes = 1 hour,24 hours = 1 day | * 4 |
| * explain the relationship between the size of a unit and the number of units needed, eg fewer hours than minutes will be needed to measure the same duration of time (Communicating, Reasoning) CT | * 4 |
|  |  |
| **Use am and pm notation and solve simple time problems (ACMMG086)** |  |
| * record digital time using the correct notation, including am and pm, eg 9:15 am http://syllabus.bos.nsw.edu.au/wsimages/cca/l.png | * 5 |
| * describe times given using am and pm notation in relation to 'midday' (or 'noon') and 'midnight', eg '3:15 pm is three and a quarter hours after midday' (Communicating) http://syllabus.bos.nsw.edu.au/wsimages/cca/l.png | * 5 |
| * relate analog notation to digital notation for time, eg ten to nine in the morning is the same time as 8:50 am http://syllabus.bos.nsw.edu.au/wsimages/cca/l.png | * 5 |
| * solve simple time problems using appropriate strategies, eg calculate the time spent on particular activities during the school day CT | * 5 |
|  |  |
| **Read and interpret simple timetables, timelines and calendars** |  |
| * read and interpret timetables and timelines http://syllabus.bos.nsw.edu.au/wsimages/cca/l.pngCTSC | * 6 |
| * read and interpret calendars http://syllabus.bos.nsw.edu.au/wsimages/cca/l.pngCTSC | * 7 |
| * explore and use different notations to record the date (Communicating) http://syllabus.bos.nsw.edu.au/wsimages/cca/l.pngSCU | * 8 |
| * explore and use the various date input and output options of digital technologies (Communicating) CTSC | * 8 |