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| Session 2 outline: Curriculum elements  Australian Curriculum v9.0: Mathematics — Prep–Year 6 |

This session outline provides an overview of the resources and key messages associated with the second recording in the Familiarisation and planning series for Australian Curriculum v9.0: Mathematics — Prep–Year 6, Curriculum elements.

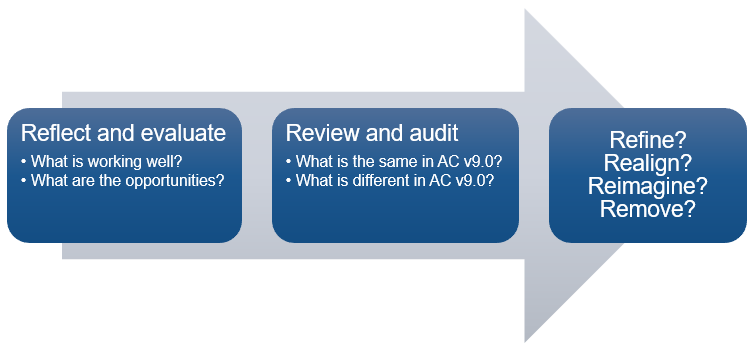
## Resources and links used

* [Mathematics: Curriculum elements](https://v9.australiancurriculum.edu.au/f-10-curriculum/learning-areas/mathematics/year-7_year-8_year-9_year-10?view=quick&detailed-content-descriptions=0&hide-ccp=0&hide-gc=0&side-by-side=1&strands-start-index=0&subjects-start-index=0) (ACARA)
* [Comparison of AC v8.4 to v9.0: Prep – Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_prep_comp.pdf) (QCAA)
* [Comparison of AC v8.4 to v9.0: Year 1 – Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_yr1_comp.pdf) (QCAA)
* [Comparison of AC v8.4 to v9.0: Year 2 – Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_yr2_comp.pdf) (QCAA)
* [Comparison of AC v8.4 to v9.0: Year 3 – Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_yr3_comp.pdf) (QCAA)
* [Comparison of AC v8.4 to v9.0: Year 4 – Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_yr4_comp.pdf) (QCAA)
* [Comparison of AC v8.4 to v9.0: Year 5 – Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_yr5_comp.pdf) (QCAA)
* [Comparison of AC v8.4 to v9.0: Year 6 – Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_yr6_comp.pdf) (QCAA)
* [Planning for teaching, learning and assessment: Prep–Year 10](https://www.qcaa.qld.edu.au/downloads/aciq/general-resources/teaching/ac_plan_teach_learn_assess.pdf) (QCAA)

## Activities

|  |  |
| --- | --- |
| **Learning goal** | **Success criteria** |
| Understand implications of changes to the Australian Curriculum v9.0: Mathematics — Prep–Year 6 to plan for the transition in your own context. | You will know you are successful if you:   * have more knowledge about the curriculum elements in Australian Curriculum v9.0: Mathematics * can identify actions for planning in your school. |

### Identifying actions for planning in your context

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### Pause and reflect: Similarities and differences

|  |  |
| --- | --- |
| What is the same in AC v9.0? | What is different in AC v9.0? |
|  |  |

### Pause and reflect: Achievement standards

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| --- |
| Record some ideas about how you might approach the changes in the achievement standards for Mathematics with your colleagues. |
|  |

### Pause and reflect: Key messages

To what extent did each key message resonate with you? Circle your response.  
1 = Did not resonate; 5 = Resonated very strongly.

**There are implications, both obvious and subtle, in the changes to content descriptions.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |

**The revisions to the achievement standard will affect teaching, learning and assessment.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |

**The QCAA comparison of AC v8.4 to v9.0 resources will support auditing of programs.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |

**The QCAA comparison of AC v8.4 to v9.0 resources will support planning and learning programs for the first year of implementation**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 | 2 | 3 | 4 | 5 |

### Pause and reflect: Identifying actions

1. Consider your current program/s across Prep–Year 6 in Mathematics.
2. Evaluate how much you need to **refine**, **realign**, **reimagine** or **remove** for each year level by plotting each aspect on the scales in the tables below.  
   1 = Strongly disagree; 5 = Strongly agree.
3. Then, make notes to reflect on what you will need to do in each year level.

|  | Refine? | | | | |
| --- | --- | --- | --- | --- | --- |
| Prep | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 1 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 2 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 3 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 4 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 5 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 6 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |

|  | Realign? | | | | |
| --- | --- | --- | --- | --- | --- |
| Prep | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 1 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 2 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 3 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 4 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 5 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 6 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |

|  | Reimagine? | | | | |
| --- | --- | --- | --- | --- | --- |
| Prep | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 1 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 2 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 3 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 4 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 5 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 6 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |

|  | Remove? | | | | |
| --- | --- | --- | --- | --- | --- |
| Prep | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 1 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 2 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 3 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 4 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 5 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |
| Year 6 | 1 | 2 | 3 | 4 | 5 |
|  | | | | |

## Familiarisation and planning resources

QCAA’s v9.0: Mathematics resources can be found using the following links:

* [Summary of changes in Australian Curriculum Version 9.0: Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_summary_changes.pdf)
* [Comparison of AC 8.4 to v9.0 P-6 Mathematics](https://www.qcaa.qld.edu.au/p-10/aciq/version-9/learning-areas/p-10-mathematics)
  + Select ‘Understanding v9.0’
  + Explore P-6 Mathematics comparison resources.
* [Sequence of achievement standards P-6 Mathematics](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/curriculum/ac9_maths_prep-yr6_as_sequence.pdf)
* [Curriculum and assessment plan templates and samples P-6 Mathematics](https://www.qcaa.qld.edu.au/p-10/aciq/version-9/learning-areas/p-10-mathematics/p-10-mathematics-planning-resources)
  + Select ‘Curriculum and assessment plans’
  + Explore ‘Templates’ P-6 Mathematics curriculum and assessment plans
  + Explore ‘Samples’ P-6 Mathematics curriculum and assessment plans.
* [Multi-age curriculum and assessment template P-6](https://www.qcaa.qld.edu.au/downloads/aciqv9/mathematics/planning/ac9_maths_p-6_cap_multi.docx)
* [Standards elaborations](https://www.qcaa.qld.edu.au/p-10/aciq/version-9/learning-areas/p-10-mathematics/p-10-mathematics-assessment-resources#content)
  + Select ‘Standards elaborations’
  + Explore P-6 Mathematics standard elaborations.

## More information

If you would like more information, please visit the QCAA website [www.qcaa.qld.edu.au](http://www.qcaa.qld.edu.au/). Alternatively, email the K–10 Curriculum and Assessment branch at [australiancurriculum@qcaa.qld.edu.au](mailto:australiancurriculum@qcaa.qld.edu.au).

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