# Australian Curriculum Mapping: SugarByHalf – Cost Choices – HASS – Years 5 & 6

## Year 5 HASS

* Organise and represent data in a range of formats including tables, graphs and large- and small-scale maps, using discipline-appropriate conventions ([ACHASSI096](https://www.australiancurriculum.edu.au/f-10-curriculum/humanities-and-social-sciences/hass/?strand=Inquiry+and+skills&strand=Knowledge+and+Understanding&capability=ignore&priority=ignore&year=12101&elaborations=true&cd=ACHASSI096&searchTerm=achassi096#dimension-content))

## Year 6 HASS

* Organise and represent data in a range of formats including tables, graphs and large- and small-scale maps, using discipline-appropriate conventions ([ACHASSI124](https://www.australiancurriculum.edu.au/f-10-curriculum/humanities-and-social-sciences/hass/?strand=Inquiry+and+skills&strand=Knowledge+and+Understanding&capability=ignore&priority=ignore&year=12102&elaborations=true&cd=ACHASSI124&searchTerm=achassi124#dimension-content))

## Year 5 & 6 HPE

* Investigate community resources and ways to seek help about health, safety and wellbeing ([ACPPS053](https://www.australiancurriculum.edu.au/f-10-curriculum/health-and-physical-education/?strand=Personal,+Social+and+Community+Health&strand=Movement+and+Physical+Activity&capability=ignore&priority=ignore&year=12996&elaborations=true&cd=ACPPS053&searchTerm=acpps053#dimension-content))
* Plan and practise strategies to promote health, safety and wellbeing ([ACPPS054](https://www.australiancurriculum.edu.au/f-10-curriculum/health-and-physical-education/?strand=Personal,+Social+and+Community+Health&strand=Movement+and+Physical+Activity&capability=ignore&priority=ignore&year=12996&elaborations=true&cd=ACPPS054&searchTerm=acpps054#dimension-content))

## Year 5 Mathematics

* Describe, continue and create patterns with fractions, decimals and whole numbers resulting from addition and subtraction ([ACMNA107](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&priority=ignore&year=11756&elaborations=true&cd=ACMNA107&searchTerm=acmna107#dimension-content))
* Identify and describe factors and multiples of whole numbers and use them to solve problems ([ACMNA098](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&priority=ignore&year=11756&elaborations=true&cd=ACMNA098&searchTerm=acmna098#dimension-content))
* Use estimation and rounding to check the reasonableness of answers to calculations ([ACMNA099](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&priority=ignore&year=11756&elaborations=true&cd=ACMNA099&searchTerm=acmna099#dimension-content))

## Year 6 Mathematics

* Select and apply efficient mental and written strategies and appropriate digital technologies to solve problems involving all four operations with whole numbers ([ACMNA123](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&priority=ignore&year=11757&elaborations=true&cd=ACMNA123&searchTerm=acmna123#dimension-content))
* Add and subtract decimals, with and without digital technologies, and use estimation and rounding to check the reasonableness of answers ([ACMNA128](https://www.australiancurriculum.edu.au/f-10-curriculum/mathematics/?strand=Number+and+Algebra&strand=Measurement+and+Geometry&strand=Statistics+and+Probability&capability=ignore&priority=ignore&year=11757&elaborations=true&cd=ACMNA128&searchTerm=acmna128#dimension-content))

## Relevant parts of Year 5 achievement standards:

* Students locate and collect data from a range of primary sources to answer inquiry questions. They sort, record and represent data in different formats, including large-scale and small-scale maps, using basic conventions.

## Relevant parts of Year 6 achievement standards:

* Students locate and collect useful data and information from primary sources. They interpret data to identify, describe and compare distributions, patterns and trends.

## 21st century skills:



Syllabus outcomes: [MA3-1WM, MA3-2WM, MA3-3WM, MA3-4NA, MA3-5NA, MA3-6NA, MA3-7NA, MA3-8NA](http://syllabus.bostes.nsw.edu.au/mathematics/mathematics-k10/outcomes/), [GE3-4](http://syllabus.bostes.nsw.edu.au/hsie/geography-k10/outcomes/), [DMS3.2, PSS3.5, PSS3.12, SLS3.13](https://educationstandards.nsw.edu.au/wps/wcm/connect/330e5ccb-782a-432b-8ce5-122a8c42967e/k6_pdhpe_syl.pdf?MOD=AJPERES).

General capabilities: [Numeracy](https://www.australiancurriculum.edu.au/f-10-curriculum/general-capabilities/numeracy/).