



# LEARNING AT HOME

## Lesson guide – year 10

We've created a suite of lessons for students learning at home due to COVID-19.

You'll find lessons and additional guides for students from reception to year 10 on [Our Learning SA](#).

### Using this guide

This guide gives an overview of the lessons for year 10.

### Students

Students and families can use this guide to:

- complete the lessons in order; we recommend starting from lesson 1, series 1 in each learning area
- track your progress through the lessons.

### Teachers

Teachers can use this guide to:

- find lessons developed from the department's curriculum resources
- support professional learning.



# English

## [Series 1: Finding our voice](#)

- Lesson 1: Finding our voice
- Lesson 2: Language choices
- Lesson 3: Slam poetry
- Lesson 4: May your pen grace the page
- Lesson 5: Exploring an issue of personal importance
- Lesson 6: Literature and narrative
- Lesson 7: Symbolism and setting
- Lesson 8: Characterisation and slow motion
- Lesson 9: Storytelling in a visual text
- Lesson 10: Visual storytelling – film
- Lesson 11: Spoken word poetry (part 1)
- Lesson 12: Spoken word poetry (part 2)
- Lesson 13: Storytelling through song
- Lesson 14: Persuasive prose
- Lesson 15: Narrative and language devices in persuasive prose
- Lesson 16: Podcasts
- Lesson 17: Planning your creative text
- Lesson 18: Introductions
- Lesson 19: Middles
- Lesson 20: Endings
- Lesson 21: Refining poetry creative texts
- Lesson 22: Refining persuasive creative texts
- Lesson 23: Refining podcast creative texts
- Lesson 24: Refining creative video texts
- Lesson 25: Completing your creative text

## [Series 2: Documentary](#)

- Lesson 1: Introduction to documentary and mockumentary
- Lesson 2: Features of documentary film (part 1)
- Lesson 3: Features of documentary film (part 2)
- Lesson 4: Narrative in documentary and fiction films
- Lesson 5: Types of documentary
- Lesson 6: Documentary and mockumentary film language
- Lesson 7: Language features and humour in mockumentary film
- Lesson 8: Satire, irony and hyperbole in mockumentary film
- Lesson 9: Sarcasm, paradox and puns in mockumentary film
- Lesson 10: Humorous language in the mockumentary style
- Lesson 11: Investigating documentary topics
- Lesson 12: Bias in documentaries
- Lesson 13: Subjectivity and objectivity in documentaries
- Lesson 14: Positioning the audience
- Lesson 15: Reviewing documentary film

# Mathematics

## [Series 1: Money and financial mathematics, patterns and algebra and real numbers](#)

- Lesson 1: Overview and revision
- Lesson 2: Simple and compound interest
- Lesson 3: Compound interest (part 1)
- Lesson 4: Compound interest (part 2)
- Lesson 5: Compound interest (part 3)
- Lesson 6: Highest common factors and lowest common multiples
- Lesson 7: Expanding brackets (part 1)
- Lesson 8: Expanding brackets (part 2)
- Lesson 9: Factorising
- Lesson 10: Factorising monic quadratics (part 1)
- Lesson 11: Factorising monic quadratics (part 2)
- Lesson 12: Factorising using the difference of two squares
- Lesson 13: Factorising using perfect squares
- Lesson 14: Factorising review
- Lesson 15: Trial and error method of factorising
- Lesson 16: Using the area model
- Lesson 17: Reviews of expanding and factorising
- Lesson 18: Review of direct proportion
- Lesson 19: Inverse proportion
- Lesson 20: Proportions
- Lesson 21: Review of simple and compound interest
- Lesson 22: Depreciation
- Lesson 23: Review of expanding expressions
- Lesson 24: Review of factorising
- Lesson 25: Review of proportionality

## [Series 2: Patterns and algebra](#)

- Lesson 1: Index laws (part 1)
- Lesson 2: Index laws (part 2)
- Lesson 3: Algebraic fractions (part 1)
- Lesson 4: Algebraic fractions (part 2)
- Lesson 5: Factorising and expanding
- Lesson 6: Factorising and expanding algebraic expressions
- Lesson 7: Factorising by grouping in pairs
- Lesson 8: Factorise using the difference of 2 squares
- Lesson 9: The perfect square law
- Lesson 10: Review lessons 1 to 9
- Lesson 11: Completing the square – geometry
- Lesson 12: Completing the square – algebra
- Lesson 13: Completing the square – factorising
- Lesson 14: Completing the square – solving
- Lesson 15: Completing the square – applications

# Science

## [Series 1: Diversity of living things](#)

- Lesson 1: Evolution – diversity and biodiversity
- Lesson 2: Mutations and types of mutations
- Lesson 3: Mutations and population changes
- Lesson 4: Natural selection
- Lesson 5: Survival of the fittest
- Lesson 6: Species and variation
- Lesson 7: Peripatric speciation
- Lesson 8: Parapatric speciation
- Lesson 9: Sympatric speciation
- Lesson 10: Extinction
- Lesson 11: Artificial selection
- Lesson 12: Positives and negatives of artificial selection
- Lesson 13: Artificial selection and natural selection
- Lesson 14: Fossil evidence (part 1)
- Lesson 15: Fossil evidence (part 2)
- Lesson 16: Biogeographic evidence
- Lesson 17: Embryology evidence
- Lesson 18: Biochemical evidence
- Lesson 19: The theory of evolution
- Lesson 20: Scientific theories
- Lesson 21: Phylogenetic trees
- Lesson 22: Evolution and biodiversity
- Lesson 23: Science as a human endeavour (part 1)
- Lesson 24: Science as a human endeavour (part 2)
- Lesson 24: Science as a human endeavour (part 3)

## [Series 2: Origins of the Universe](#)

- Lesson 1: Activating prior knowledge
- Lesson 2: Stars and planets
- Lesson 3: The size of the solar system
- Lesson 4: Misconceptions about scale and orbits
- Lesson 5: Orbits and the night sky
- Lesson 6: Navigation by celestial bodies (part 1)
- Lesson 7: Navigation by celestial bodies (part 2)
- Lesson 8: The scientific method
- Lesson 9: Variables in science
- Lesson 10: Evaluating sources
- Lesson 11: Research design
- Lesson 12: The universe and light waves
- Lesson 13: Speed of light
- Lesson 14: Measuring spectra
- Lesson 15: The Hubble Space Telescope

## Physical activity

### [Series 1](#)

- Lesson 1: Coordination
- Lesson 2: Cardiovascular endurance
- Lesson 3: Speed
- Lesson 4: Flexibility
- Lesson 5: Muscular endurance
- Lesson 6: Agility
- Lesson 7: Power
- Lesson 8: Strength
- Lesson 9: Balance
- Lesson 10: Recreation time
- Lesson 11: Yoga
- Lesson 12: Cardio workout
- Lesson 13: Yoga
- Lesson 14: Cardio workout
- Lesson 15: Resistance circuit
- Lesson 16: Juggling basics (part 1)
- Lesson 17: Juggling (part 2)
- Lesson 18: Juggling (part 3)
- Lesson 19: Soccer juggling
- Lesson 20: Basketball dribbling

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