



# LEARNING AT HOME

## Lesson guide – year 9

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 9.

### 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: Understanding prose fiction](#)

- Lesson 1: Narrative devices
- Lesson 2: Cohesive sentences
- Lesson 3: Logical paragraphs
- Lesson 4: Using logical rhetoric
- Lesson 5: Drafting and editing
- Lesson 6: Attributing ideas in texts
- Lesson 7: The impact of narrative structure
- Lesson 8: Characterisation in texts
- Lesson 9: Point of view
- Lesson 10: Selecting texts to analyse
- Lesson 11: Setting
- Lesson 12: Setting and conflict
- Lesson 13: Symbols
- Lesson 14: Interpretive response
- Lesson 15: Drafting and editing
- Lesson 16: Genre (part 1)
- Lesson 17: Genre (part 2)
- Lesson 18: Tropes
- Lesson 19: Language features
- Lesson 20: Comparative language
- Lesson 21: Developing notes
- Lesson 22: Salient features
- Lesson 23: Outlining paragraphs
- Lesson 24: Outlining an introduction
- Lesson 25: Completing your essay

## [Series 2: Stories, old and new](#)

- Lesson 1: Story patterns
- Lesson 2: Character patterns
- Lesson 3: Introduction to myths
- Lesson 4: Three key myths
- Lesson 5: Myths and legends through time
- Lesson 6: Introducing narrative schemas
- Lesson 7: Three key narrative patterns
- Lesson 8: Narrative schemas, connections to now
- Lesson 9: Introduction to archetypes
- Lesson 10: Archetypes and connections
- Lesson 11: Our monsters
- Lesson 12: Foundation texts
- Lesson 13: Two foundation texts in depth
- Lesson 14: Literary sources for the doomed romance
- Lesson 15: The 'end of the world' schema and related genres

# Mathematics

## [Series 1: Proportion, notation and financial mathematics](#)

- Lesson 1: A review of the 4 operations
- Lesson 2: Ratios
- Lesson 3: Ratios and proportion
- Lesson 4: Proportion
- Lesson 5: Ratios and proportions
- Lesson 6: Index and expanded form
- Lesson 7: Index laws with integer bases
- Lesson 8: Negative index law
- Lesson 9: A review of indices
- Lesson 10: Large and small numbers
- Lesson 11: Scientific notation on calculators
- Lesson 12: Significant figures
- Lesson 13: Review indices, scientific notation, and significant figures
- Lesson 14: Review of percentages and fractions
- Lesson 15: Review of decimals, percentages and fractions
- Lesson 16: Percentage calculations
- Lesson 17: Percentage calculations – increase and decrease
- Lesson 18: Review of percentage calculations
- Lesson 19: Simple interest – what is interest?
- Lesson 20: Simple interest – developing the simple interest formula and the total amount
- Lesson 21: Find the total amount and monthly repayments
- Lesson 22: Simple interest and problem solving
- Lesson 23: Review and consolidate ratio and indices
- Lesson 24: Review of scientific notation, significant figures and percentage calculations
- Lesson 25: Review of simple interest

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

- Lesson 1: Algebraic expressions review
- Lesson 2: Algebraic terminology, conventions and notation
- Lesson 3: Algebraic expressions and equations
- Lesson 4: Simplifying expressions
- Lesson 5: Review algebraic expressions
- Lesson 6: Recall index laws and index notation
- Lesson 7: The first 4 index laws
- Lesson 8: Generalise the index laws
- Lesson 9: Index products
- Lesson 10: Index form and simplification of expressions
- Lesson 11: The final index laws
- Lesson 12: The negative index law
- Lesson 13: Working with reciprocals
- Lesson 14: Does order matter?
- Lesson 15: Further examples and consolidation

# Science

## [Series 1: Interdependence and ecosystems](#)

- Lesson 1: Introducing ecosystems
- Lesson 2: Non-living components of a local environment
- Lesson 3: Living components of a local environment
- Lesson 4: Interactions between living and non-living components
- Lesson 5: Ecosystems and food chains
- Lesson 6: Ecosystems and food webs
- Lesson 7: Cellular respiration
- Lesson 8: Photosynthesis
- Lesson 9: Photosynthesis and cellular respiration
- Lesson 10: Plant structure
- Lesson 11: The carbon cycle
- Lesson 12: Role of photosynthesis and cellular respiration on the carbon cycle
- Lesson 13: Humans and the carbon cycle
- Lesson 14: Mutualism
- Lesson 15: Commensalism
- Lesson 16: Parasitism
- Lesson 17: Predation
- Lesson 18: Competition
- Lesson 19: Introduced species
- Lesson 20: Pollinator
- Lesson 21: Human impacts on ecosystems – fishing
- Lesson 22: Human impacts on ecosystems – logging of forests
- Lesson 23: Human impacts on ecosystems – farming
- Lesson 24: Human impacts on ecosystems – irrigation
- Lesson 25: Human impacts on ecosystems – river damming

## [Series 2: Responding to change](#)

- Lesson 1: What do cells need to stay alive?
- Lesson 2: Levels of organisation in the body – cells
- Lesson 3: Levels of organisation in the body – tissues
- Lesson 4: Levels of organisation in the body – organs
- Lesson 5: Levels of organisation in the body – organ systems
- Lesson 6: The digestive system
- Lesson 7: The circulatory system
- Lesson 8: The structure of the heart
- Lesson 9: The structure of neurons
- Lesson 10: The nervous system
- Lesson 11: The reflex arc
- Lesson 12: Hormones
- Lesson 13: The endocrine system
- Lesson 14: Fight or flight response
- Lesson 15: Homeostasis

## 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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