



Dance with a digital human

Australian Curriculum links

Science Year 1-2

Pose questions to explore observed simple patterns and relationships and make predictions based on experiences (AC9S1I01/AC9S2I01)

Suggest and follow safe procedures to investigate questions and test predictions (AC9S1I02/AC9S2I02)

Make and record observations, including informal measurements, using digital tools as appropriate (AC9S1I03/AC9S2I03)

Construct and use representations, including tables, simple column graphs and visual or physical models, to organise data and information, show simple relationships and identify patterns (AC9S3I04/AC9S2I04)

Compare observations with predictions and others' observations, consider if investigations are fair and identify further questions with guidance (AC9S1I05/AC9S2I05)

Write and create texts to communicate observations, findings and ideas, using everyday and scientific vocabulary (AC9S1I06/AC9S2I06)

Science Year 3-4

Pose questions to explore observed patterns and relationships and make predictions based on observations (AC9S3I01/AC9S4I01)

Use provided scaffolds to plan and conduct investigations to answer questions or test predictions, including identifying the elements of fair tests, and considering the safe use of materials and equipment (AC9S3I02/AC9S4I02)

Follow procedures to make and record observations, including making formal measurements using familiar scaled instruments and using digital tools as appropriate (AC9S3I03/AC9S4I03)

Construct and use representations, including tables, simple column graphs and visual or physical models, to organise data and information, show simple relationships and identify patterns (AC9S3I04/AC9S4I04)

Compare findings with those of others, consider if investigations were fair, identify questions for further investigation and draw conclusions (AC9S3I05/AC9S4I05)

Write and create texts to communicate findings and ideas for identified purposes and audiences, using scientific vocabulary and digital tools as appropriate (AC9S3I06/AC9S4I06)

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Science Year 5-6

Investigate how scientific knowledge is used by individuals and communities to identify problems, consider responses and make decisions (AC9S5H02)

Pose investigable questions to identify patterns and test relationships and make reasoned predictions (AC9S5I01/AC9S6I01)

Plan and conduct repeatable investigations to answer questions, including, as appropriate, deciding the variables to be changed, measured and controlled in fair tests; describing potential risks; planning for the safe use of equipment and materials; and identifying required permissions to conduct investigations on Country/Place (AC9S5I02/AC9S6I02)

Use equipment to observe, measure and record data with reasonable precision, using digital tools as appropriate (AC9S5I03/AC9S6I03)

Construct and use appropriate representations, including tables, graphs and visual or physical models, to organise and process data and information and describe patterns, trends and relationships (AC9S5I04/AC9S6I04)

Compare methods and findings with those of others, recognise possible sources of error, pose questions for further investigation and select evidence to draw reasoned conclusions (AC9S5I05/AC9S6I05)

Write and create texts to communicate ideas and findings for specific purposes and audiences, including selection of language features, using digital tools as appropriate (AC9S5I06/AC9S6I06)

Health and Physical Education Year 5-6

Analyse how behaviours influence the health, safety, relationships and wellbeing of individuals and communities (AC9HP6P10)

Adapt and modify movement skills across a variety of situations (AC9HP6M01)

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Science Year 7-8

Develop investigable questions, reasoned predictions and hypotheses to explore scientific models, identify patterns and test relationships (AC9S8I01/AC9S8I01)

Plan and conduct reproducible investigations to answer questions and test hypotheses, including identifying variables and assumptions and, as appropriate, recognising and managing risks, considering ethical issues and recognising key considerations regarding heritage sites and artefacts on Country/Place (AC9S8I02/AC9S8I02)

Select and use equipment to generate and record data with precision, using digital tools as appropriate (AC9S8I03/AC9S8I03)

Select and construct appropriate representations, including tables, graphs, models and mathematical relationships, to organise and process data and information (AC9S8I04/AC9S8I04)

Analyse data and information to describe patterns, trends and relationships and identify anomalies (AC9S8I05/AC9S8I05)

Health and Physical Education Year 7-8

Analyse, refine and transfer movement skills in a variety of movement situations (AC9HP8M01)

Design and demonstrate how movement strategies can be manipulated to improve movement outcomes (AC9HP8M02)

Participate in physical activities designed to improve fitness and wellbeing to investigate the impact of regular participation on health, fitness and wellbeing (AC9HP8M04)

Design and Technologies Year 7-8

Analyse needs or opportunities for designing, and investigate and select materials, components, tools, equipment and processes to create designed solutions (AC9TDE8P01)

Select, justify and use suitable materials, components, tools, equipment, skills and processes to safely make designed solutions (AC9TDE8P03)

Develop design criteria collaboratively including sustainability to evaluate design ideas, processes and solutions (AC9TDE8P04)