YOUR CHILD; OUR FOCUS

## Science Plan 2020-2022

NGAG



Donnybrook District High School

#### SCIENCE PLAN 2020-2022

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# Science

### The Rationale

We recognise an increasing reliance on STEM subjects, such as Science, in our modern world and seek to ensure our students are supported to develop the scientific knowledge, understanding and skills to make informed decisions. We create and deliver programs that encourage students to ask and seek interesting and important questions relating to the world around them.

Students will develop an understanding of the nature of scientific inquiry and the ability to use a range of scientific methods, utilising critical and creative thinking, while drawing evidence-based conclusion.



#### Vision

At Donnybrook District High School, we believe that every student with our support, will achieve high performance in Science.

We want to develop in students an interest in Science as a means of expanding their curiosity and willingness to explore, ask questions about and speculate on the changing world around them.

## Milestones

- PLC Action Learning Model Reviews demonstrate clear evidence of collaboration, peer observation and coaching.
- Agreed school wide assessment schedule is supported by PLCs and adhered to by all staff.
- Staff are utilising the judging standards and assessment samples provided by School Curriculum and Standards Authority (SCSA) to help make valid judgements regarding Common Assessment Tasks.
- Professional Management plans and PLC Action Learning Models are evidencing internal and external networks to inform planning and assessing.
- Planning clearly demonstrates linkage to improving Numeracy and Literacy.
- Differentiated learning and teaching adjustments for students working below or above year level expectations are evident in all classrooms and in planning documentation.
- Regular implementation of student feedback evident in all classrooms.
- Focus on engagement and curiosity evident in all classrooms.
- Common language visable and evident in all classrooms.



to moderate against.

Conduct moderations within PLCs, local networks and through Connect communities.

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ASSESSMENT



Check for student understanding using quiz and questioning applications.

Use technology to gather assessment information regarding student progress and achievement, such as PAT testing.

Utilise Connect communities for networking and the sharing of resources.

Use Airdrop, Connect to share student work and collaborate.

Use QR codes to guide students to relevant resources and interactive activities.

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21ST

CENTURY

TECHNOLOGY