



The specialist team has amazing times waiting for you in term 2!

We are looking forward to going back to our Makerspaces (labs) to produce and learn so much in the specialist areas. Term 2 is normally a great time for developing new ways of learning and amazing learning outcomes. At our school, we teach using a variety of skills and hands-on learning experiences in each class.

A MESSAGE TO OUR PARENTS

Kia ora koutou.

Welcome back to ANI and to our term 2! We truly hope this newsletter finds you and your whanau well after the holiday break. We are ready for your children to come back and start their learning journey at ANI. For term 2, we aim for the students to learn so much and

to create and develop creativity learning outcomes and strategies in their experiences. We are sure that amazing times are ahead of us during our term 2 at ANI. We know and support students' differences in both learning expectations and interests. The Kowhai team is ready to lead all ANI students through their learning experiences and support them in their school life during term 2.

We will keep you updated directly through the students, school apps and our webpage with regular and ongoing communication.

SPECIALIST TEACHERS- Kowhai Team

Our teachers are ready to keep progressing with amazing learning experiences. The Kowhai - Specialist teachers are always here to have a chat with you regarding your young people. You can read more about each of us in the ANI Webpage - <https://ani.school.nz/who-we-are/our-staff/>

Sports-PRO and Health (Y8) - Carlos Kucera ckucera@ani.school.nz

Physical Education (PE) - Thomas Jones - tjones@ani.school.nz

Design Technology - Jacob Markham - jmarkham@ani.school.nz

Food and Soft Technology - Brooke Tuialii - btuialii@ani.school.nz

Music - Eugene Marshall - emarshall@ani.school.nz

Science - Victoria Bragg - vbragg@ani.school.nz

The Arts - Beren Allen - ballen@ani.school.nz

THE SPECIALIST PROGRAMME (Year 7 and Year 8)

Our Specialist programme is developed within the New Zealand Curriculum and the IB PYP framework and focuses on building students' knowledge and raising skill levels used in the different specialist areas. Here are a few elements that they will be learning during term 2 at both year levels:

Food and soft technology:

Under our theme 'Sharing the planet' students will look at the environmental influences on our food supply. Key areas include where our food comes from and how we could reduce food waste within our school and community. Students will look into the emergence of plant based diets. They will experiment with ingredients and find substitutes to create plant based dishes.

There will be a 'Wearable art' competition where classes create a garment made from recycled materials. Year 7 students will learn hand sewing skills while Year 8 students will be working with sewing machines.

During the second half of the term Year 7 students will look at changes to our food over time. Comparing the more traditional homemade food with the more convenient fast food and how these changes have influenced our health and well being.

Year 8 students will look at the influences on food within different countries. What impact does the environment, availability and cost have on their food choices.

Soft technology is a very practical class with students learning life skills such as cooking and sewing through hands-on activities. This term all students will continue to use the skills introduced in term 1. Learning to work well within a group and extending their knowledge and understanding of safe food practices, while having lots of fun.

Design Technology - Digital and Hard tech:

Year 7 students will be getting hands on in the workplace and begin to design and create their first woodwork outcomes. They will be required to create their very own personalised wooden puzzle in the workshop. Digitally, students will be investigating sound recording and engineering. Students will be required to create and capture their own message for future generations using a range of special effects. They will also be

introduced to Tinkercad and its design possibilities with the idea of creating a 3D printed outcome in Term 3.

Year 8 students will be building on their Transdisciplinary theme of “Sharing the Planet” by looking into how we can upcycle existing products to help make our world a better place. This can also link into their market day later in Term 2 through turning everyday unwanted items into a product they can sell. They will also be applying their construction skills such as measuring, cutting, nailing and finishing to create their very own ball bearing maze out of MDF wood in the workshop.

Science:

In year 7, students will begin the first half of the term by asking, “How do humans meet their needs and wants when it comes to natural resources?” They will study the effects of natural resource extraction and the human impact on natural resources through a cookie mining activity. They will compare how mining for chocolate chips in a cookie relates to the destruction of land and will choose a country to research and compare it to mining activities in New Zealand. What makes a natural resource valuable and who most often profits? Students will consider multiple perspectives of natural resource use and create a map of New Zealand of their chosen natural resource. The second portion of the term is all about testing Newton’s Laws of Motion. We will begin by using everyday materials to test the transformation of kinetic and potential energy and extend into hands-on learning as they tackle the second and third laws—designing bottle cars, blow tubes, and Newton’s cradle!

For year 8, we target the sustainable use of energy and renewable energy systems. We begin by building a simple circuit and hypothesising whether certain objects are a conductor or an insulator of electricity. Students will be challenged to create their own experiment or build a more complex circuit and demonstrate their understanding of an electric current. For the second portion of the term, students will be engineering solar ovens in order to harness the sun’s energy to heat a chocolate and marshmallow treat!

They will have to design and build a prototype for wind power cars, generate data, as well as write an instruction manual for the product. Lastly, students will research and create a video of an experiment of geothermal energy or hydroelectric power and demonstrate knowledge of its current use in New Zealand. What type of energy is sustainable for the future?

The Arts:

In the first half of term 2, our year 7 students will explore the theme of “Sharing the planet” through creating artworks and sculptures out of recycled materials. Through this experience, students will use the arts to convey a message while learning to reduce their impact on the environment. In the second half of term 2, year 7 students will use drama in collaboration with the music program to explore the theme of “Where we are in place and time”. Through this integrative learning experience students will devise, perform, and record short scenes inspired by the stories, myths, and histories of Aotearoa New Zealand.

For our year 8 students, term 2 will see an inquiry into the world of advertising through the theme “How we organise ourselves”. In this inquiry process, students will explore art as a form of manipulation. They will learn about the principles of art and design and how they can be used to advertise a product. Using a variety of artistic processes, such as digital design, drawing, painting, and photography, students will create artworks in the shape of logos, posters, flyers, and commercials to enhance the sale of their products on market day.

Health and PE:

During term 2 students will extend their understanding and develop new concepts of games, their own body, space and movement through games and fitness and physical activities. Our Year 7 and 8 students have Health as their learning subject during term 2,

where they are going to understand elements of physiology and kinesiology; a great opportunity to better understand their body changes and movement. Our Y7 students will learn deep about strategies, collaboration and conflicts through games. The Y8 students will have the opportunity to use sports and game based activities to raise their knowledge and awareness of their own body and the relationship with others and the environment. Y8 students will also learn deep about the environment and how their own actions affect others and society around them. The IB theme 'Sharing the Planet' will be used as provocations and for them to build ideas and develop their knowledge and skills to be used for the Y8 ANI market day.

Music:

Our Year 7 students will be exploring how music as an infinite resource can be a powerful tool for conflict resolution over other, *finite* resources. They will be working with audio recording technology to capture sounds from their environment and transform them into musical soundscapes. Later in the term, they will be exploring stories from the mythos of Aotearoa New Zealand and in collaboration with The Arts program create a music-drama narrative that they will record and present to their peers.

Our Year 8 students will be composing duets. Though duet composition they will explore how different modes of communicative behaviour can make effective starting points for musical compositions. By working in small groups they will refine their interpersonal communication skills while exploring the music of cultures around the world.

Our musical ensembles - vocal ensemble, orchestra, and choir - will be rehearsing repertoire from a varied range of genres that include folk, jazz, contemporary and classical music. The rock bands will also be starting up early this term. The rehearsals will culminate in a music presentation evening toward the end of the term in which all the ensembles will perform for the public.

Sports -Pro and Sports Competitions (Y7 & Y8):

The ANI Sports-PRO (Sports Development Programme) is an exciting programme at our school. This initiative brings opportunities for our students to have sports sessions during school time. During term 2 we are starting the Sports Management units, where students will learn and be involved with the Sports organisation at ANI.

Signups - Students will be able to sign up for all classes with their classroom teachers or themselves using the Sports Google classroom. If you have any questions send an email to Mr Carlos - ckucera@ani.school.nz

All ANI students are welcome to joining our Sports Google classroom (code: **46smdmp**)

If you want to find out more information about, please visit our Sports-PRO webpage <https://sites.google.com/ani.school.nz/anisports-pro/home>

ANI is part of the Central Zone of schools in Auckland. With this in mind, we have many sports competitions this term. All students can sign up for trials and practices. Students will be informed by the School App, website, Sports Google classroom and daily notices (these are read every day in their classrooms). Our community is welcome to join us in any aspect of sports at ANI, such as a coach manager, spectator or transport assistant. Parents/caregivers support is a fundamental part of ANI success in sport and a great way to reinforce our values as a school.

Here are the dates of Central Zones competitions in term 2:

CZ Futsal - Boys - Tuesday (11 May); **CZ Futsal - Girls** - Thursday (13 May); **CZ Waterpolo - Girls and Boys** - Tuesday (17 May); **CZ Football - Year 7 Girls** - Tuesday (25 May); **CZ Football - Year 8 Girls**- Thursday (27 May); **CZ Football - Year 7 Boys** - Tuesday (01 June); **CZ Football - Year 8 Boys** - Thursday (03 June); **CZ Rugby - U45, U55, Open - Girls and Boys** - Friday (11 June); **CZ Hockey - Boys** - Monday (21 June); **CZ Hockey - Girls** - Tuesday (22 June); **CZ Table tennis- Girls and Boys** - Thursday (24 June).

All the sports events dates are updated on the Sports-PRO webpage:

<https://sites.google.com/ani.school.nz/anisports-pro/home>

Covid-19 & CZ Sports - All Central Zones competitions will happen if Auckland is at Level 1 or below. All events will be cancelled in case of alert levels 2, 3 or 4.

ANI Olympics - Great news in our Sports department! During our term 2 the first ANI Olympics will happen. This will be a week Sports event where students will compete in a range of different sports during school time. Teams will be made by Houses and ILE (every two classrooms). *The ANI community will get more information during the first week of class in Term 2.*

All our students will participate in different ways of many sports. Each student will be able to contribute with their teams using their skills. The ANI Olympics will be a whole school event. This will be a great opportunity for students to interact with themselves and other friends. Also, Students will be able to learn more and experience the meaning of the olympic spirit and values.

The Specialist teachers are always available and happy to be in contact with the ANI community - Parents, caregivers and students. If you have any questions or want to touch base regarding any point of their learning progress please send me an email at any time ckucera@ani.school.nz (or any specialist teachers) as we are here to provide support.

Carlos Kucera and Kowhai team.