Ekka
EDUCATION

CURRICULUM ALIGNMENT
EDUCATION ON SHOW

FOUNDATION TO 6

Ekka
EDUCATION

COMPETITION OVERVIEW

Education on Show is a competition devoted to showcasing design and digital technologies, visual artworks and English literacy by Queensland students from Prep to Grade 6.

The competition covers a wide range of contemporary curriculum-aligned skills.

Class eligibility is determined by student year level and the competition classes can be found in the Competition Schedule.

IMPORTANT CONTACTS

Competition Enquiries
entries@rna.org.au

Education Content Enquiries
education@ekka.com.au

Ekka School & Group Bookings Enquiries
groupbookings@ekka.com.au

2025 THEME
Feeding the Future

Step into the world of agriculture and join us for a captivating exploration of 'Feeding the Future'. The theme for this year's Education on Show will take students on a journey through the heart of our food systems, highlighting and celebrating the vital role farmers play in shaping our future.

Students will explore the balance between traditional farming practices and cutting-edge innovations that sustainably drive our agricultural industry forward.

'Feeding the Future' invites you to connect with the roots of our sustenance and explore the possibilities that lay ahead in ensuring a resilient and prosperous future for generations to come. Join us in investigating and exploring the science of agriculture and its impact on our future.

CLASS 1
Create a Farm Animal
Using paper plates (no larger than a dinner plate), create a farm animal.

CURRICULUM LINKS
VERSION 8.4

Visual Arts

Create and display artworks to communicate ideas to an audience (ACAVAM108)

Design and Technologies

Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVAM107)
Create and display artworks to communicate ideas to an audience (ACAVAM108)
Generate, develop and record design ideas through describing, drawing and modelling (ACTDEP006)

VERSION 9

Design & Technologies

Generate, communicate and evaluate design ideas, and use materials, equipment and steps to safely make a solution for a purpose (AC9TDEFP01)

Visual Arts

Use play, imagination, arts knowledge, processes and/or skills to discover possibilities and develop ideas (AC9AVAFD01)
Create arts works that communicate ideas (AC9AVAFC01)

Literacy

Personal & Social Capability

Creative & Critical Thinking

CLASSROOM RESOURCES

What does a Farm Animal Look Like?

Animals that live on a farm are usually kept there for their produce, labor, or meat. For centuries the relationship between man and certain animals have developed in such a way that the farmer takes care of the animals throughout its life, and in return takes the produce, for example, milk from cattle, and eggs from poultry. https://www.animalspot.net/farm-animals

Video: Farm Animals for Kids | Learn all about these fun animals! https://youtu.be/zFtMamMUAVw

CLASS 2
Vegetable Printing

Create a repeating pattern using fruit and/or vegetable. Use a printing technique e.g. stamping.

CURRICULUM LINKS
VERSION 8.4

Visual Arts

Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVAM107)

Create and display artworks to communicate ideas to an audience (ACAVAM108)

Maths

Sort and classify familiar objects and explain the basis for these classifications. Copy, continue and create patterns with objects and drawings (ACMNA005)

VERSION 9

Visual Arts

Create arts works that communicate ideas (AC9AVAFC01)

Maths

Recognise, copy and continue repeating patterns represented in different ways (AC9MFA01)

Numeracy

Creative & Critical Thinking

Literacy

Personal & Social Capability

CLASSROOM RESOURCES

Create textured produce prints using vegetables as stamps!

Texture, shape, and feeling have inspired artists for thousands of years. Artist Maurice Richard Grosser was inspired by the texture of this cabbage to create a painting. Grosser uses a hyper-realistic style to capture every bump, curl, and imperfection in this plant.

Activity: Vegetables onto paper

Potato stamping art for kids 🥔 / Potato stamp Tulip 🌷 Chick 🐤 Watermelon🍉Pineapple🍍 / DIY Potato art🥔

Before plastic stencils there was printing with potatoes. Potato prints are easy and quick to develop and design a shape or pattern. They are a great way to make simple patterns

Video: Potato stamping art for kids

CLASS 3
Barnyard Scene (Group Entry)
Create a MURAL illustrating a scene of a barnyard - animals, crops, machines etc.

CURRICULUM LINKS
VERSION 8.4
Visual Arts
Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVAM107)
Create and display artworks to communicate ideas to an audience (ACAVAM108)

VERSION 9
Visual Arts
Create arts works that communicate ideas (AC9AVAFC01)
Explore how and why the arts are important for people and communities (AC9AVAFE01)
Use play, imagination, arts knowledge, processes and/or skills to discover possibilities and develop ideas (AC9AVAFD01)

Intercultural Understanding

Creative & Critical Thinking

Literacy

Personal & Social Capability

CLASSROOM RESOURCES

ABC Education: Future Farmers - Australian Agriculture
Agriculture is the activity of growing food and raising livestock. It's also known as farming, and it provides us with most of the foods we eat. In this series of videos, we learn about some of Australia's largest agricultural industries and discover how some of our foods and drinks are produced. Join Georgia, who won a TV-show cooking competition when she was only 11 years old, and visit a range of Australian farms. Meet some young farmers, find out how our food is grown, explore agricultural technologies and learn how to cook with the produce we investigate!

www.abc.net.au/education/digibooks/future-farmers-australian-agriculture/101729002

Growing a garden
Learning to grow a garden provides students with an opportunity to watch things grow from a seed to something magical. This activity provides easy and simple ways to start mini gardens for your students.
https://www.kidsdogardening.com/making-a-miniature-farmyard/

CLASS 4
Preposition Poem (English)
The first sentence must start with "The caterpillar crawled..."
A prepositional poem is structured so that each new line begins with a prepositional phrase
e.g. across the, under the, over the... ect.

CURRICULUM LINKS

VERSION 8.4
English: Literature
Listen to, recite and perform poems, chants, rhymes and songs, imitating and inventing sound patterns including alliteration and rhyme (ACELT1585)
Identify, reproduce and experiment with rhythmic, sound and word patterns in poems, chants, rhymes and songs (ACELT1592)

English: Literature
Identify, reproduce and experiment with rhythmic, sound and word patterns in poems, chants, rhymes and songs (ACELT1592)
Innovate on familiar texts by experimenting with character, setting or plot (ACELT1833)

VERSION 9
English: Literature
Discuss literary texts and share responses by making connections with students' own experiences (AC9E1LE02)
Identify, reproduce and experiment with rhythmic sound and word patterns in poems, chants, rhymes or songs (AC9E2LE04)
Create and edit literary texts by adapting structures and language features of familiar literary texts through drawing, writing, performance and digital tools (AC9E2LE05)
Create and edit short imaginative, informative and persuasive written and/or multimodal texts for familiar audiences, using text structure appropriate to purpose, simple and compound sentences, noun groups and verb groups, topic-specific vocabulary, simple punctuation and common 2-syllable words AC9E2LY06

Literacy

Creative & Critical Thinking

ADDITIONAL ASSISTANCE

For students who may need additional assistance in brainstorming words for each letter of FARMERS, a junior dictionary may be of assistance or an Australian A-Z of Agriculture video or book such as George the Farmer Alphabet on the Farm.

CLASS 5
Create a Caterpillar
Construct a 3D model of a caterpillar using a variety of materials.

CURRICULUM LINKS

VERSION 8.4

Design and Technologies

Explore how plants and animals are grown for food, clothing and shelter and how food is selected and prepared for healthy eating (ACTDEK003)

Visual Arts

Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVAM107)
Create and display artworks to communicate ideas to an audience (ACAVAM108)

VERSION 9

Design and Technologies

Use materials, components, tools, equipment and techniques to safely make designed solutions (AC9TDE2P02)
generate and communicate design ideas through describing, drawing or modelling, including using digital tools (AC9TDE2P01)

Visual Arts

Use visual conventions, visual arts processes and materials to create artworks (AC9AVA2C01)
Experiment and play with visual conventions, visual arts processes and materials (AC9AVA2D01)

Creative & Critical Thinking

Literacy

Personal & Social Capability

ADDITIONAL RESOURCES

Creating a Caterpillar

Caterpillars are insects characterised by three main body parts—head, thorax, and abdomen—and a pair of antennae on their heads. Most caterpillars are herbivores, meaning they primarily feed on plants.

Video: Children's Craft Activity | The Very Hungry Caterpillar

Creating a 3D Caterpillar will develop fine motor skills.

Activity: Crafty Morning - Egg-carton Caterpillar

Activity: Buggy & Buddy - The-very-hungry-caterpillar-craft/

Activity: Facts-about-caterpillars-lesson-for-kids

Activity: The Spruce Crafts - Caterpillar Crafts

CLASS 6
Busy Bees

Bees are an essential part of food production now and into the future.
Create an artwork to fit the title "Busy Bees."

CURRICULUM LINKS

VERSION 8.4

Design and Technologies

Generate, develop and record design ideas through describing, drawing and modelling (ACTDEP006)

Explore how plants and animals are grown for food, clothing and shelter and how food is selected and prepared for healthy eating (ACTDEK003)

Visual Arts

Use and experiment with different materials, techniques, technologies and processes to make artworks (ACAVAM107)

Create and display artworks to communicate ideas to an audience (ACAVAM108)

VERSION 9

Design and Technologies

Generate and communicate design ideas through describing, drawing or modelling, including using digital tools (AC9TDE2P01)

Visual Arts

Experiment and play with visual conventions, visual arts processes and materials (AC9AVA2D01)

Use visual conventions, visual arts processes and materials to create artworks (AC9AVA2C01)

ADDITIONAL RESOURCES

Centre for Bee Education

Primary and secondary students can access bee and pollination-related resources to enhance their learning. The informative, engaging content is simple and easy to use, providing science-based information to students with infographics and photography, perfect for school projects or presentations.
https://www.wheenbeefoundation.org.au/c4be/student-resources/

Cool.org & Act for Bees

Cool Org and Act for Bees have produced Australian Curriculum aligned information to assist students in exploring the importance of bees and how their role as pollinators is pivotal to human food production.
https://cool.org/love-food-love-bees-curriculum-resources   https://actforbees.org/

Numeracy

Literacy

Creative & Critical Thinking

Digital Literacy

Personal & Social Capability

CLASS 7
Agriculture Map

Draw a map of Queensland showing the locations of at least 5 different agricultural industries. Include a 'key' to show where these primary industries are.

(eg. sugar cane, fishing, mangoes, citrus, cotton, cattle, sheep etc)

CURRICULUM LINKS

VERSION 8.4

HASS: Geography

The main climate types of the world and the similarities and differences between the climates of different places (ACHASSK068)

The importance of environments, including natural vegetation, to animals and people (ACHASSK088)

Visual Arts

Use materials, techniques and processes to explore visual conventions when making artworks (ACAVAM111)

VERSION 9

HASS: Geography

The importance of environments, including natural vegetation and water sources, to people and animals in Australia and on another continent (AC9HS4K05)

Visual Arts

Experiment with a range of ways to use visual conventions, visual arts processes and materials (AC9AVA4D01)

Creative & Critical Thinking

Sustainability

Personal & Social Capability

ADDITIONAL ASSISTANCE

For students who may need additional assistance in locating agricultural production areas in Queensland, the following provide simple maps noting some of the state's top commodities:

The Australian Beef Industry: Map of Production by PwC (see page 2)
We are Australian Sugarcane Growers
Where is Cotton Grown by Cotton Australia
Growing Regions by GRDC for Australia's grains including wheat
The Banana Story: Growing Regions by Australian Bananas
Australia's Dairy Regions by Dairy Australia
Australian Strawberry Grower Regions by Berries Australia
Macadamia Nut Growing Regions, Australia, by Australian Macadamias

CLASS 8
Bee Information Poster
Create a poster to illustrate the 3 types of bees in a colony.

CURRICULUM LINKS

VERSION 8.4

Visual Arts

Use materials, techniques and processes to explore visual conventions when making artworks (ACAVAM111)
Present artworks and describe how they have used visual conventions to represent their ideas (ACAVAM112)

English

Explore the effect of choices when framing an image, placement of elements in the image, and salience on composition of still and moving images in a range of types of texts (ACELA1496)
Use a range of software including word processing programs to construct, edit and publish written text, and select, edit and place visual, print and audio elements (ACELY1697)

VERSION 9

English

Identify the purpose of layout features in print and digital texts and the words used for navigation (AC9E3LA05)
Explore the effect of choices when framing an image, placement of elements in the image and salience on composition of still and moving images in texts (AC9E4LA10)
Use comprehension strategies such as visualising, predicting, connecting, summarising, monitoring and questioning to build literal and inferred meaning, to expand topic knowledge and ideas, and evaluate texts (AC9E4LY05)

Visual Arts

Use visual conventions, visual arts processes and materials to create artworks that communicate ideas, perspectives and/or meaning (AC9AVA4C01)
Experiment with a range of ways to use visual conventions, visual arts processes and materials (AC9AVA4D01)

Digital Literacy

Creative & Critical Thinking

Personal & Social Capability

Literacy

CLASSROOM RESOURCES

Centre for Bee Education

Primary and secondary students can access bee and pollination-related resources to enhance their learning.
https://www.wheenbeefoundation.org.au/c4be/student-resources/

Cool.org & Act for Bees

Cool Org and Act for Bees have produced Australian Curriculum aligned information to assist students in exploring the importance of bees and how their role as pollinators is pivotal to human food production.
https://cool.org/love-food-love-bees-curriculum-resources   https://actforbees.org/

CLASS 9
View from a Drone

Drones are increasingly used in agriculture. For example, mustering, fertilizing, soil monitoring, and surveying. Draw an agricultural activity or scene from a drone's bird's eye view.

CURRICULUM LINKS

VERSION 8.4

Design and Technologies

Investigate food and fibre production and food technologies used in modern and traditional societies (ACTDEK012)

Investigate the suitability of materials, systems, components, tools and equipment for a range of purposes (ACTDEK013)

Generate, develop, and communicate design ideas and decisions using appropriate technical terms and graphical representation techniques (ACTDEP015)

Visual Arts

Use materials, techniques and processes to explore visual conventions when making artworks (ACAVAM111)

VERSION 9

Design and Technologies

Describe the ways of producing food and fibre (AC9TDE4K03)

Generate and communicate design ideas and decisions using appropriate attributions, technical terms and graphical representation techniques, including using digital tools (AC9TDE4P02)

Visual Arts

Use visual conventions, visual arts processes and materials to create artworks that communicate ideas, perspectives and/or meaning (AC9AVA4C01)

Literacy

Creative & Critical Thinking

Personal & Social Capability

Digital Literacy

ADDITIONAL ASSISTANCE

For students who may need additional assistance in illustrating Drones in Agriculture. The following resources may be useful. The flight of drones in farming by DPI Qld

Drones in Schools - By She Maps

Drones in Agriculture by Drones.gov

Exploring Drones in Agriculture by Primezone

Video: Drones in Agriculture by Agriculture Queensland

CLASS 10
New Food Sources Report

What will we be eating in the future? Write a report on a new/alternate food source.

CURRICULUM LINKS

VERSION 8.4

English: Language

Investigate how complex sentences can be used in a variety of ways to elaborate, extend and explain ideas (ACELA1522)

Investigate how the organisation of texts into chapters, headings, subheadings, home pages and sub pages for online texts and according to chronology or topic can be used to predict content and assist navigation (ACELA1797)

English: Literacy

Plan, draft and publish imaginative, informative and persuasive texts, choosing and experimenting with text structures, language features, images and digital resources appropriate to purpose and audience (ACELY1714)

Clarify understanding of content as it unfolds in formal and informal situations, connecting ideas to students' own experiences and present and justify a point of view (ACELY1699)

Create literary texts that experiment with structures, ideas and stylistic features of selected authors (ACELT1798)

Literacy

Creative & Critical Thinking

VERSION 9

English: Literacy

Describe how spoken, written and multimodal texts use language features and are typically organised into characteristic stages and phases, depending on purposes in texts (AC9E5LA03)

Understand that the structure of a complex sentence includes a main clause and at least one dependent clause, and understand how writers can use this structure for effect (AC9E5LA05)

Understand how embedded clauses can expand the variety of complex sentences to elaborate, extend and explain ideas (AC9E6LA05)

Create and edit literary texts that adapt plot structure, characters, settings and/or ideas from texts students have experienced, and experiment with literary devices (AC9E6LE05)

Plan, create, edit and publish written and multimodal texts whose purposes may be imaginative, informative and persuasive, developing ideas using visual features, text structure appropriate to the topic and purpose, text connectives, expanded noun groups, specialist and technical vocabulary, and punctuation including dialogue punctuation (AC9E5LY06)

CLASS 11
An Agricultural Career
Create a poster advertising and promoting a particular career in agriculture. Must include a slogan.

CURRICULUM LINKS

VERSION 8.4

English: Language
Understand how texts vary in purpose, structure and topic as well as the degree of formality (ACELA1504)

Understand how authors often innovate on text structures and play with language features to achieve particular aesthetic, humorous and persuasive purposes and effects (ACELA1518)

English: Literacy
Analyse how text structures and language features work together to meet the purpose of a text (ACELY1711)

VERSION 9

English: Language
Identify and explain how images, figures, tables, diagrams, maps and graphs contribute to meaning (AC9E6LA07)

English: Literature
Explain characteristic features used in imaginative, informative and persuasive texts to meet the purpose of the text (AC9E5LY03)

Analyse how text structures and language features work together to meet the purpose of a text, and engage and influence audiences (AC9E6LY03)

Visual Arts
Explore ways that visual conventions, visual arts processes and materials are combined to communicate ideas, perspectives and/or meaning in visual arts across cultures, times, places and/or other contexts (AC9AVA6E01)

Literacy

Creative & Critical Thinking

Intercultural Understanding

CLASSROOM RESOURCES

Primezone Education
Primezone Education is a great hub for information on careers. Australia's primary industries offer a truly diverse and rewarding variety of careers and career pathways. From information technology to marketing and communications – engineering, management, sales, logistics and loads more… the future of farming might just surprise you!   https://primezone.edu.au/careers/

www.primezone.edu.au
primezone
The place for all your food and fibre resources

CLASS 11
An Agricultural Career

Create a poster advertising and promoting a particular career in agriculture. Must include a slogan.

CLASSROOM RESOURCES

Career Harvest

Career Harvest is a hub for cutting-edge careers within the food and fibre industries. No matter where your interests are, there's a career for you in agriculture. From computers to farming, agriculture offers endless opportunities for you to build a life and career you'll love! Careers listed provide descriptions and key tasks as well as additional information.
www.careerharvest.com.au

Queensland Farmers Federation: Careers in Agriculture

There are so many choices in agriculture - from farm to plate, and field to fork. Agriculture is a growing and vibrant industry with diverse jobs for all kinds of people. Choosing careers is tough, but understanding the different roles and jobs that exist is one great step forward. This guide will show you stories about real people, emerging careers, and some great tips, websites and tricks to help you on your decision-making journey.
www.qff.org.au/projects/your-career-in-agriculture/

CLASS 12
Space Food
Create a food package for space travel.

CURRICULUM LINKS

VERSION 8.4

English: Literature

Plan, draft and publish imaginative, informative and persuasive print and multimodal texts, choosing text structures, language features, images and sound appropriate to purpose and audience (ACELY1704)

Use a range of software, including word processing programs, learning new functions as required to create texts (ACELY1717)

Plan, draft and publish imaginative, informative and persuasive print and multimodal texts, choosing text structures, language features, images and sound appropriate to purpose and audience (ACELY1704)

Health and Physical Education

Plan and practise strategies to promote health, safety and wellbeing (ACPPS054)

Investigate the role of preventive health in promoting and maintaining health, safety and wellbeing for individuals and their communities (ACPPS058)

Digital Technologies

Investigate how and why food and fibre are produced in managed environments and prepared to enable people to grow and be healthy (ACTDEK021)

Generate, develop and communicate design ideas and processes for audiences using appropriate technical terms and graphical representation techniques (ACTDEP025)

VERSION 9

English: Literature

Describe how spoken, written and multimodal texts use language features and are typically organised into characteristic stages and phases, depending on purposes in texts (AC9E5LA03)

Explain how the sequence of images in print, digital and film texts has an effect on meaning (AC9E5LA07)

Health and Physical Education

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

Investigate different sources and types of health information and how these apply to their own and others' health choices (AC9HP6P09)

Digital Technologies

Investigate needs or opportunities for designing, and the materials, components, tools, equipment and processes needed to create designed solutions (AC9TDE6P01)

Explain how characteristics and properties of materials, systems, components, tools and equipment affect their use when producing designed solutions (AC9TDE6K05)

Literacy

Creative & Critical Thinking

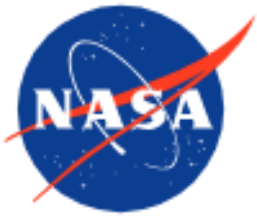**Personal & Social Capability**

Ethical Understanding

CLASS 12
Space Food
Create a food package for space travel.

CLASSROOM RESOURCES

Food for thought: Eating in space – NASA

Among the thousands of questions that need to be answered before astronauts travel to distant planets and asteroids is the question: How much food will they need and what foods can they take? Food for Thought includes five lesson plans that relate to food and nutrition and that are aligned to national education standards.
https://www.nasa.gov/stem-content/food-for-thought-eating-in-space-educator-guide/

Literacy

Creative & Critical Thinking

Videos

Space Food: The Final Frontier! | Serving Up Science - By PBS Food

Off Limits: Space Food - Find out what astronauts eat in space - By Girls in Science

What Do Astronauts Eat Aboard the International Space Station? - By American Test Kitchen

SPACE FOOD: What do astronauts eat? - By Dr Moggs

Personal & Social Capability

Space Food

When you think of classic "space food," an image of freeze-dried ice cream may come to mind (a staple of science museum gift shops). And when you think of the kinds of food astronauts might eat, it tends to be in the same vein: dehydrated, foil-wrapped packages of nutritionally calibrated energy, foregoing flavor or texture in favor of engineered practicality.
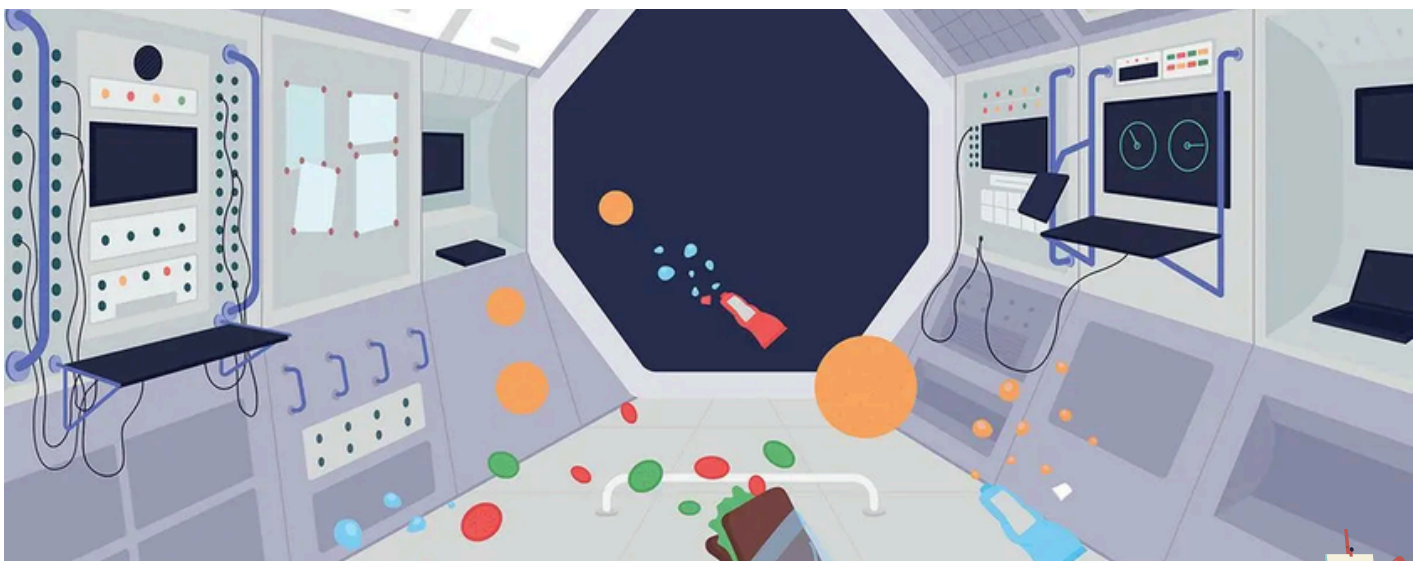https://axial.acs.org/agriculture-and-food-chemistry/the-perfect-meal-for-space-travel

CLASS 13
Ekka Food of the Future
Paint or draw a fun food idea you'd like to see at a future Ekka.

CURRICULUM LINKS

VERSION 8.4
Foundation - Year 2
Design and Technologies
Generate, develop and record design ideas through describing, drawing and modelling (ACTDEP006)
Explore how plants and animals are grown for food, clothing and shelter and how food is selected and prepared for healthy eating (ACTDEK003)

Visual Arts
Create and display artworks to communicate ideas to an audience (ACAVAM108)

Years 3 & 4
Design and Technologies
Investigate food and fibre production and food technologies used in modern and traditional societies (ACTDEK012)

Visual Arts
Present artworks and describe how they have used visual conventions to represent their ideas (ACAVAM112)

Years 5 & 6
Design and Technologies
Investigate how and why food and fibre are produced in managed environments and prepared to enable people to grow and be healthy (ACTDEK021)

Visual Arts
Develop and apply techniques and processes when making their artworks (ACAVAM115)

Creative & Critical Thinking

Literacy

Sustainability

Personal & Social Capability

CLASS 13
Ekka Food of the Future
Paint or draw a fun food idea you'd like to see at a future Ekka.

CURRICULUM LINKS

VERSION 9

<u>Foundation - Year 2</u>
Design and Technologies
Explore how familiar products, services and environments are designed by people (AC9TDEFK01)
Identify how familiar products, services and environments are designed and produced by people to meet personal or local community needs and sustainability (AC9TDE2K01)

Visual Arts
Create arts works that communicate ideas (AC9AVAFC01)
Use visual conventions, visual arts processes and materials to create artworks
Generate and communicate design ideas through describing, drawing or modelling, including using digital tools (AC9AVA2C01)

<u>Years 3 & 4</u>
Design and Technologies
Examine design and technologies occupations and factors including sustainability that impact on the design of products, services and environments to meet community needs (AC9TDE4K01)

Visual Arts
Use visual conventions, visual arts processes and materials to create artworks that communicate ideas, perspectives and/or meaning (AC9AVA4C01)

<u>Years 5 & 6</u>
Design and Technologies
Explain how people in design and technologies occupations consider competing factors including sustainability in the design of products, services and environments (AC9TDE6K01)

Visual Arts
Use visual conventions, visual arts processes and materials to plan and create artworks that communicate ideas, perspectives and/or meaning (AC9AVA6C01)

Creative & Critical Thinking

Literacy

Sustainability

Personal & Social Capability

CLASS 13
Ekka Food of the Future
Paint or draw a fun food idea you'd like to see at a future Ekka.

CLASSROOM RESOURCES

Development for a better future
We have no doubt that involving young Australians in international agriculture and agriculture for development has meaningful and beneficial outcomes for food and nutrition security, for the students and for Australian agriculture. With this free resource from the Crawford Fund, you'll be giving your students a glimpse into the many fascinating and rewarding careers available and helping them to develop the skills and knowledge they need to make a difference in the world.
Primezone - Development for a better future

'The Future of Farming'.
Technology is revolutionizing farming. That's great news—by the year 2050 Earth's population will be 10 billion, so we need to almost double the amount of food we now produce.

'Video: The Future of Farming by TDC - TheDailyConversation

The Future if Vertical Farming
The future of agriculture may look very different? but how much is going to change and when is it likely to happen? Traditional agriculture poses many global challenges, from food security to climate change. Can vertical farming improve the sustainability of our food production system? How big can the impact be? When will these changes happen?

Video: The future of Vertical Farming by Exa Cognition

Food for the Future'
'Food for the Future' aims to demonstrate how the food production system works. Pupils taking part will gain the skills and knowledge they need to play their part in reducing food waste. This education programme is part of The Prince's Foundation's wider food waste initiative known as 'Making Food Go Further'.

'Kings Foundation - Food-for-the-future

Future Food Academy
The Future Food Academy is a training platform aimed at creating new models, challenging mindsets, and developing skills. Through research projects, innovation challenges, and life-changing learning experiences, mixing theoretical and practical approaches, in-person and digital connections, it is possible to spread the power of food sustainability.   Future Food Institute

Literacy

Sustainability

Personal & Social Capability

Creative & Critical Thinking

THE KING'S FOUNDATION

FUTURE FOOD INSTITUTE

CLASS 14
Pumpkin Carving

Carve a pumpkin in Minecraft. Use grid paper to plan out the face, then build your creation in the game. Use the pumpkin in the provided world to get started or create your own.
Minecraft Education World https://education.minecraft.net/enus/challenges/pumpkin-carving

MINECRAFT
This year, we're excited to introduce two new Minecraft Education classes to Education on Show! Teachers will need to upload the mcworld file as per instructions. Students' entries will be judged on both the functionality and creativity of their builds. Further details can be found in each class description.

CURRICULUM LINKS

VERSION 8.4
Foundation - Year 2
Design and Technologies

Generate, develop and record design ideas through describing, drawing and modelling (ACTDEP006)
Visual Arts

Create and display artworks to communicate ideas to an audience (ACAVAM108)

Years 3 & 4
Design and Technologies

Generate, develop, and communicate design ideas and decisions using appropriate technical terms and graphical representation techniques (ACTDEP015)
Visual Arts

Present artworks and describe how they have used visual conventions to represent their ideas (ACAVAM112)

Years 5 & 6
Design and Technologies

Generate, develop and communicate design ideas and processes for audiences using appropriate technical terms and graphical representation techniques (ACTDEP025)
Visual Arts

Develop and apply techniques and processes when making their artworks (ACAVAM115)
Plan the display of artworks to enhance their meaning for an audience (ACAVAM116)

CLASS 14
Pumpkin Carving

Carve a pumpkin in Minecraft. Use grid paper to plan out the face, then build your creation in the game. Use the pumpkin in the provided world to get started or create your own.

CURRICULUM LINKS
VERSION 9

Foundation - Year 2
Visual Arts
Create arts works that communicate ideas (AC9AVAFC01)
Generate and communicate design ideas through describing, drawing or modelling, including using digital tools (AC9AVA2C01)

Design and Technologies
Generate and communicate design ideas through describing, drawing or modelling, including using digital tools (AC9TDE2P01)

Year 3 & 4
Visual Arts
Use visual conventions, visual arts processes and materials to create artworks that communicate ideas, perspectives and/or meaning (AC9AVA4C01)

Design and Technologies
Generate and communicate design ideas and decisions using appropriate attributions, technical terms and graphical representation techniques, including using digital tools (AC9TDE4P02)

Year 5 & 6
Visual Arts
Use visual conventions, visual arts processes and materials to plan and create artworks that communicate ideas, perspectives and/or meaning (AC9AVA6C01)

Design and Technologies
Generate, iterate and communicate design ideas, decisions and processes using technical terms and graphical representation techniques, including using digital tools (AC9TDE6P02)

Ethical Understanding

Sustainability

Creative & Critical Thinking

Literacy

CLASS 15
Climate Futures: The Farm
Group Entry - a minimum group size of 3 students.
Create an urban farm to feed the patients at the Royal Brisbane and Women's Hospital.

Students can either use the end project as part of the Climate Future: The Farm - Minecraft education resource or create their own in creative mode using a 50 x 43 block farming space.
https://education.minecraft.net/enus/lessons/climate-futures-the-farm

Students are to create a narrated screen recording 'walk through' (video file) up to 120 seconds in duration, that showcases all elements and features of their build.
https://education.minecraft.net/en-us/challenges/bee-creative

MINECRAFT
This year, we're excited to introduce two new Minecraft Education classes to Education on Show! Teachers will need to upload the mcworld file as per instructions. Students' entries will be judged on both the functionality and creativity of their builds. Further details can be found in each class description.

CURRICULUM LINKS

VERSION 8.4
Foundation - Year 2
Design and Technologies

Generate, develop and record design ideas through describing, drawing and modelling (ACTDEP006)
Visual Arts

Create and display artworks to communicate ideas to an audience (ACAVAM108)
Years 3 & 4
Design and Technologies

Generate, develop, and communicate design ideas and decisions using appropriate technical terms and graphical representation techniques (ACTDEP015)
Visual Arts

Present artworks and describe how they have used visual conventions to represent their ideas (ACAVAM112)
Years 5 & 6
Design and Technologies

Generate, develop and communicate design ideas and processes for audiences using appropriate technical terms and graphical representation techniques (ACTDEP025)
Visual Arts

Develop and apply techniques and processes when making their artworks (ACAVAM115)
Plan the display of artworks to enhance their meaning for an audience (ACAVAM116)

CLASS 15
Climate Futures: The Farm
Group Entry - a minimum group size of 3 students. Create an urban farm to feed the patients at the Royal Brisbane and Women's Hospital.

CURRICULUM LINKS
VERSION 9
Foundation - Year 2
Visual Arts
Create arts works that communicate ideas (AC9AVAFC01)
Generate and communicate design ideas through describing, drawing or modelling, including using digital tools (AC9AVA2C01)

Design and Technologies
Generate and communicate design ideas through describing, drawing or modelling, including using digital tools (AC9TDE2P01)

Year 3 & 4
Visual Arts
Use visual conventions, visual arts processes and materials to create artworks that communicate ideas, perspectives and/or meaning (AC9AVA4C01)

Design and Technologies
Generate and communicate design ideas and decisions using appropriate attributions, technical terms and graphical representation techniques, including using digital tools (AC9TDE4P02)

Year 5 & 6
Visual Arts
Use visual conventions, visual arts processes and materials to plan and create artworks that communicate ideas, perspectives and/or meaning (AC9AVA6C01)

Design and Technologies
Generate, iterate and communicate design ideas, decisions and processes using technical terms and graphical representation techniques, including using digital tools (AC9TDE6P02)

Digital Literacy

Creative & Critical Thinking

Literacy

Personal & Social Capability

Ekka

EDUCATION

INTERNATIONAL AWARD WINNERS

The Royal Queensland Show (Ekka) is recognised for its excellence, over many years, by winning numerous awards at the International Fairs & Expos (IAFE) Awards.

IAFE has more than 1,000 members representing agricultural fairs from the United States, Canada, the United Kingdom, and Australia.

These awards represent the continued dedication the Ekka plays in bridging the country city divide, and educating the next generation on the essential role farming and agriculture plays in their everyday lives.