















Welcome

Media and Digital Technologies in Early Education:

Pedagogy, play and partnerships





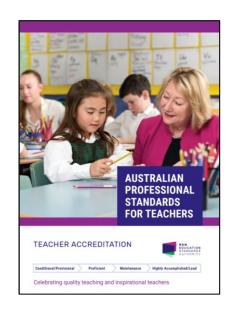


Aligns with the Australian Professional Standards for Teachers (APST) at Proficient Teacher level:

2.6.2 Standard Descriptor – 'Use effective teaching strategies to integrate ICT into learning and teaching programs to make selected content relevant and meaningful'.

3.4.2 Standard Descriptor – 'Select and/or create and use a range of resources, including ICT, to engage children in their learning'.

4.5.2 Standard Descriptor – 'Incorporate strategies to promote the safe, responsible and ethical use of ICT in learning and teaching'.





Learning Outcomes

Reflect

Reflect on the role, challenges and optimal use of digital technologies with young children in early education.

Explore

Explore ways to effectively integrate media and digital technologies to enhance children's learning through a play-based, contextually relevant, cross-curriculum planning approach.

Discover

Discover an extensive online catalogue of high-quality ABC Kids Early Education teaching resources, created in alignment with National Quality Approved Learning Frameworks.

Learn

Learn how digital play can facilitate meaningful, deeper understandings and support extended investigations in early learning settings.





About ABC Kids Early Education









Curriculum Areas Extension Ideas Journal Share With Us About

ABC Kids >

ABC Kids welcomes early childhood educators

A destination for trusted ABC Kids and ABC Kids listen digital content, conveniently aligned with priorities in early education. You will find video and audio resources categorised according to six broad curriculum areas. We offer screen-free extension ideas to support educator planning and practice, along with topical posts in the ABC Kids Early Education Reflective Journal.

Resources for National Reconciliation Week



Play School Special: Walking Together

This National Reconciliation Week, Play School share Walking Together - a special episode fostering children's early understandings about our shared histories and the role we all play in building relationships and communities that value Aboriginal and Torres Strait Islander peoples, histories, cultures and futures.





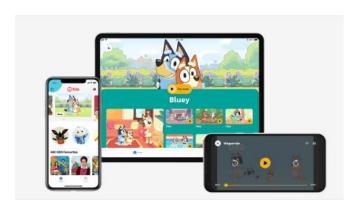


Jessica Staines reflects on the Play School special 'Walking Together'

Looking for follow-up ideas after watching Play School: Walking Together? Hear from Aboriginal early childhood education consultant, Jessica Staines.











Early Education Online

ABC Kids Early Education Online brings together inspiring ideas to align with your priorities in early childhood pedagogy.

ABC Kids is home to trusted and much-loved preschool TV shows, podcasts, music, games, activities and more. Our useful curriculum collections make discovering world class content for children easy!







5. STEM (Science, Technology, Engineering and Mathematics)

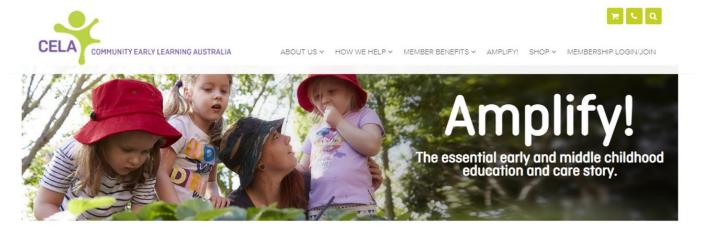




Informed by the Australian Children's Education and Care What resources are available on the website? Quality Authority National Quality Standard and the nationally approved learning frameworks, ABC Kids Early Education reflects the diverse interests and perspectives of children up to 8 years old. The site will save educators time when looking for quality children's content online! Visit and discover regularly updated resources from ABC Kids, ABC Kids

- Video and audio content from ABC Kids and ABC Kids listen. Bespoke videos for early childhood educators.
- Useful screen-free extension ideas and articles to support our programs.
- The ABC Kids Early Education Reflective Journal a blog with contributors from the early childhood sector.





We're telling it louder, we're sharing it wider, and we're making your voice stronger

Viewing, Listening, Engaging – Responsive practice for digital play in early education A Community Early Learning Australia May 31, 2021 Education / IT / Parenting None	Categories Select Category ✓
	Amplify! About Community Early Learning Australia Blog Guidelines Write for Amplify! Receive weekly updates from Amplify!
	Name
	Email *
	Want to stay up to date with our





Is digital
learning a
child's right
in today's
tech-connected
society?





Statement on young children and digital technologies

"A Statement on young children and digital technologies can benefit the early childhood sector by providing an evidence base from which educators can make decisions regarding digital technologies that are relevant and sensitive to the digital contexts experienced by children and their families" (ECA).







Join at slido.com #ABC





PART 2: HEALTH AND WELLBEING



- Posture
- Vision
- Sleep
- Emotional wellbeing







How does a tiny seed grow into a huge tree?

All the trees and plants we see have come from tiny, weeny seeds. So how does something so tiny grow into something so big?









Screen-free extension ideas

Co-listening to *Noisy by Nature*podcasts can help teachers
scaffold children's development of
important dispositions for learning
such as curiosity, interest,
enthusiasm, and imagination
(The Early Years Learning Framework,
Learning Outcome 4.1).

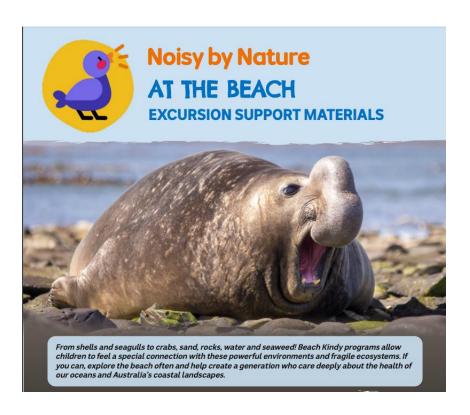


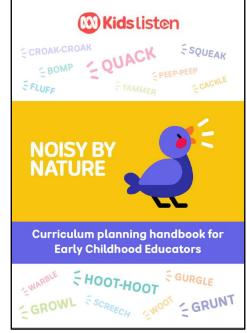




Under the Sea Creatures

Noisy by Nature Curriculum planning handbook





Learning experiences in outdoor spaces can open up further inquiry and investigations.

"They foster an appreciation of the natural environment, develop environmental awareness and provide a platform for ongoing environmental education"

(EYLF Practice: Learning Environments).





"Establish routines and structures that promote access to a variety of digital and non-digital activities in the early childhood education and care setting" (ECA).



Converged play

Clothing

Internet

IPad™

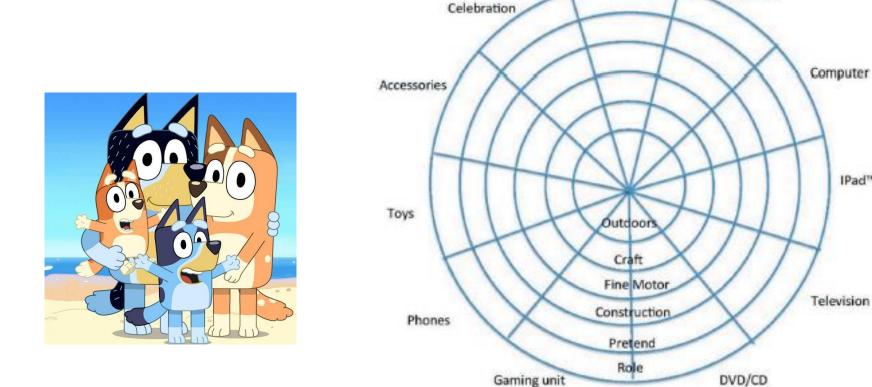




Figure 1. The intersection between a sector and rings of the web represent convergence.





The Bluey effect: Pop-culture and digital media in responsive early education

Pop-culture in early learning?

"Digital media enjoyed by young children, such as television programs, movies or online content can inform complex play narratives that children enact with in their early childhood education and care settings" (ECA).



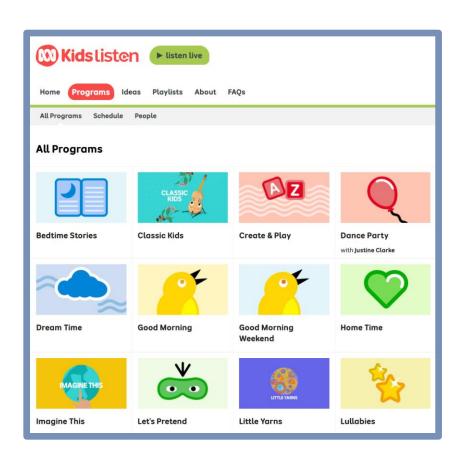




want to dive in and play with this delightful Bluey inspired activity area?

Podcasts as provocations for learning











Apps



ABC Kids app

The free ABC Kids app is designed for our preschool and younger school-aged viewers. Watch all your ABC Kids favourites anytime and anywhere.



ABC Kids listen app

ABC Kids listen provides children and their families with music and stories that are trusted, educational and entertaining.



ABC Kids Play

ABC Kids Play features games from ABC Kids favourites Giggle & Hoot, Bananas in Pyjamas and Play School!



ABC ME App

Is your primary school age child ready to move from ABC Kids to ABC ME? Why not download the ABC ME app!





lay School Play Time

ay Time encourages imagination and creativity through openended play, exploratory tasks and engagement with Play School character's world.



Play School Art Maker

Get creative with Humpty, Jemima, Big Ted and Little Ted! Make pictures and animated movies using Play School toys and craft items.

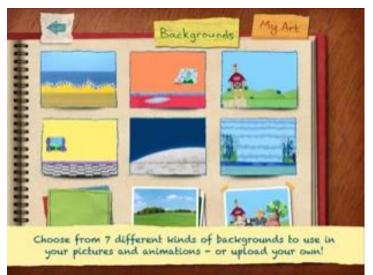


ABC Reading Eggs

ABC Reading Eggs makes learning to read fun with self-paced lessons, interactive games, colourful animations and exciting rewards.



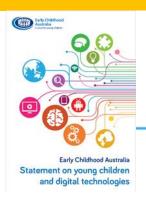












PART 3: —• CITIZENSHIP



Kids, and start your mini

classical music.

musicians on a lifetime of

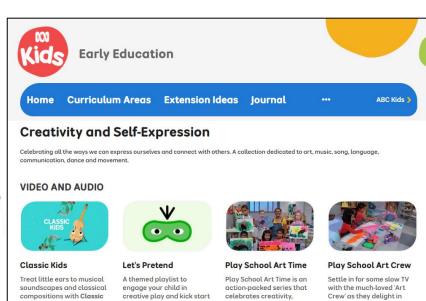
eSafety Commissioner

www.esafety.gov.au/educators/early-years-program

Playing IT Safe

https://playingitsafe.org.au





curiosity and all things

arty! Set in a magical art

studio, the Art Crew join

to create and explore the wonders of art.

presenters Zindzi and Matt

creating, discovering and

enjoying some quiet time in

the immersive world of art

making.

their imagination. Each day

will see two new playlists

to keep kids imagination

active.





Our Family Tech Agreement

The Play School toys are here to help us remember how to stay safe online and use devices in our home. Put each family member's name or initial above a box. If the rule applies to them, tick the box when they agree to do the action.



I will ask before I use a device or play a new game online.



I will only use devices in shared spaces like the lounge room, family room or kitchen.



I will only talk to people I know when I chat, message, email or video call online.



I will take turns and use kind words when I play with technology.



I will ask permission before I take or share photos or video.



I will tell a grown-up if I see or hear something online that makes me feel sad, scared or worried.



I will stop playing, watching or exploring online when my time is up.



Our devices are put away in the













Ask for help



SafetyCommissioner

esafety.gov.au/early-years





Online safety messages for young children



Play School: Kiya's Excellent eBirthday Educator Reflection





Selecting safe and suitable video & audio content

"Appropriate online content for young children fosters citizenship, values of respect, tolerance and avoidance of discrimination, promotes pro-social behaviours and provides opportunities for learning" (ECA).

http://abc.net.au/earlylearning

Sustainability and Nature - Through the Windows

We invite you to take a look through the windows with us! Play School's much loved Windows films have always provided an intimate opportunity for young viewers to see the world through the eyes of other children and their families. These collections showcase some of the most useful films for reflection and follow-up in early learning settings.



Community Garden



Aquarium



Koala Sanctuary



Native Bees



Native Nursery



Snow



Rain



Wind



Sunshine

Is it a good match?



❖ 18mths – 2 ½ years







❖ 2 ½ - 3 ½ years

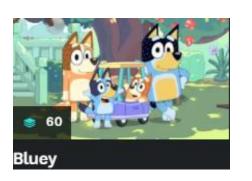






Preschoolers







Play School *Green Team* video clips

Going green at home with Humpty

Fergus and Jemima help Humpty to 'go green' by adding a water tank and solar panels to his home.







Early Education Notes

Series Green Team

Background

Play School: Green Team shares important messages and ideas to encourage our youngest citizens to look after planet earth! We explore everyday things that can be done at home or in early learning settings to protect our precious natural environment. Episodes celebrate the positive global effects of a healthy and environmentally responsible lifestyle - from gardening to clean energy and ecofriendly waste disposal, the Green Team is on the case!

We go 'Through the Windows' and see some sustainability practices in action at a community garden, aguarium, koala sanctuary, beehive and native plant nursery. Visit us at the Play School Green Team HQ and discover ways to appreciate and care for our wonderful world!

Follow-up learning experiences

Links to the Early Years Learning Framework (EYLF)

EYLF Learning Outcome 2.4:	Children become socially responsible and show respect for the environment.
EYLF Learning Outcome 4.2:	Children develop a range of skills and processes such as problem solving, inquiry, experimentation, hypothesising, researching and investigating.
EYLF Learning Outcome 4.4:	Children resource their own learning through connecting with people, place, technologies and natural and processed materials.
EYLF Practice 4:	Intentional teaching
EYLF Practice 5:	Learning environments

This series incorporates familiar ways we can care for the environment in early learning settings and homes; compost bins and worm farms, installing rainwater tanks, recycling and growing fresh produce. Green Team extends on these actions and shares ways we can keep imagining, innovating, and advocating for





about recycling and upcycling to reduce waste.

much better environmental outcomes! Communicating clearly about all the little things that can be done as part of sustainable practice empowers children to construct knowledge, explore values and develop an appreciation of the environment and its

Education for sustainability is about change at many levels - our thinking, our ways of being and our ways of acting to regenerate the Earth.2' Green Team' encourages viewers (of all ages) to delve deeper and explore relationships between humans and other plant & animal species that share the planet. Through follow-up hands-on experiences, children can explore through play while learning about their local context and environmental issues in meaningful ways.

Upcycling visual arts challenge



Emma and Alex use things from the Play School 'upcycle basket' to turn them into sailboats and ocean liners for water play, instead of throwing them in the rubbish.

We discover how to reduce the amount of rubbish that goes into landfill and oceans, by 'upcycling'. Using old bits and bobs to make something new reduces landfill and is one way we can help take care of the planet! Encourage children to collect recyclable materials before they become 'rubbish' (e.g., shoe boxes, clean plastic bottles, containers, jars, bottle tops, leftover fabric) at home and bring it into your early learning centre. Asking families to donate loose parts for 'upcycling' creates meaningful opportunities for children to learn about sustainability by re-using and re-imagining the use of materials.

Australian Children's Education & Care Quality Authority (ACECQA).
 (2016). Sustainability in children's education and care.

2 Early Childhood Australia (ECA). (2019). The Spoke, Education for sustainability.

www.abc.net.au/abckids





Colour Recipe Extension Ideas

ABC Kids

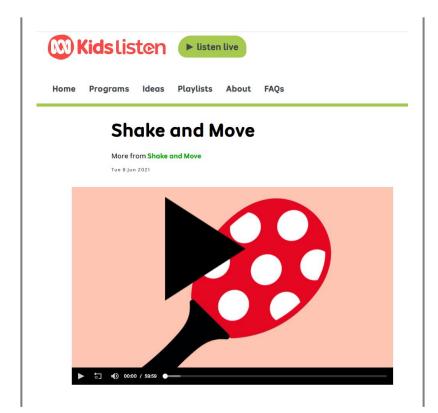
Play School: Green Team



Screens weekdays at 9:00am starting Monday on ABC Kids.

Join the Play School 'Green Team' along with special guests Craig Reucassel, Professor Veena Sahajwalla and Clarence Slockee, in this series inspiring our young environmental advocates. We explore everyday things that can be done at home or in early learning settings to protect our precious environment. This series explores the positive global effects of a healthy and environmentally responsible lifestyle - from gardening to clean energy & eco-friendly waste disposal, the Green Team is on the case!







https://www.abc.net.au/kidslisten/

Co-viewing, co-listening and co-playing

View the ABC Kids Early

Education website as a

'virtual resource cupboard'



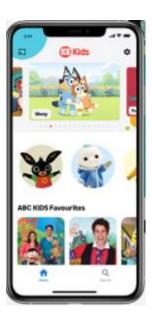




Early childhood educators can help promote children's digital literacy learning when they:

- Provide children with access to a range of technologies
- Integrate technologies into children's play experiences and projects
- Teach skills and techniques and encourage children to use technologies to explore new information and represent their ideas
- Encourage collaborative learning about and through technologies between children, and children and educators

Source: Early Years Learning Framework



Can media and digital technologies help scaffold learning?

EYLF Learning Outcome 5.5

"Children use information and communication technologies to access information, investigate ideas and represent their thinking".







Collaborative learning in digital contexts

Principle:

"Play and pedagogy
promotes young children's
exploration, social
interaction, collaboration
and learning in digital
contexts" (ECA)





Music for The Dreaming: Galaa





What is digital play?







"Digital play involves children in many combinations of activities using a range of digital and non-digital resources, either by themselves or in collaboration with others" (ECA).





"Digital screens can be viewed as windows, mirrors or magnifying glasses – one of many tools used by early childhood educators with the intention to reflect children's interests and explore the world" (ACECQA, 2016).



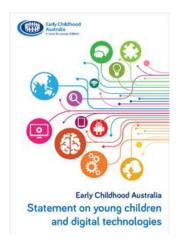




Using media and digital technologies with confidence & flair

Good quality digital content can be viewed as an effective tool for teaching & learning in early childhood settings by:

- Sparking or extending upon children's interests
- Supporting ongoing inquiry-based investigations
- Fostering children's critical thinking skills
- Helping children build important relationships with teachers, family and peers.













Insect case study: Integration of media and digital technology into play-based learning



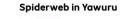


Garden Bugs















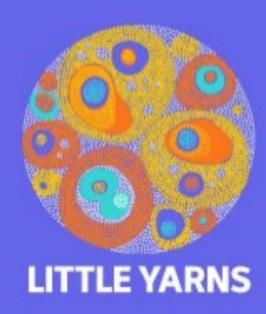
http://abc.net.au/earlylearning

Little Yarns of big importance!

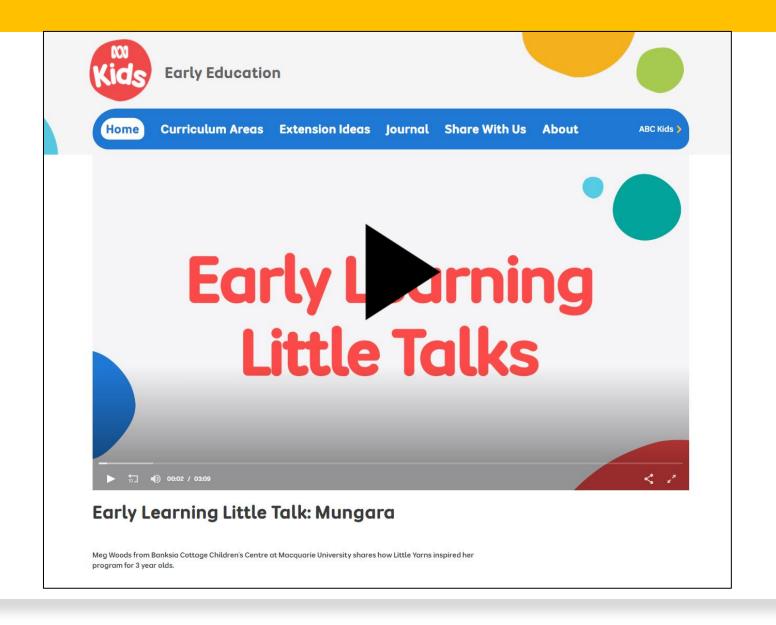
Be transported to Country with Rudi Bremmer and First Nations language speakers – sharing their stories about things that matter most... connections to community, family and Country while celebrating a strong sense of self and place.

EYLF Principle 4:

'Respect for diversity'











WONDER CARD 14: The Rainforest Question

Time to explore...

- ENGINEER: Use loose parts, small carboard cartons and natural objects to help children design and construct a home for an insect e.g. termite nest or spider web. Encourage children to research details about their chosen insect first and then draw technical plans for their 'home' before building.
- RESEARCH: Intentionally introduce the concept of 'biodiversity' (the rich variety of living things) in the Daintree Rainforest, by exploring relationships between living things. Research facts about insects online and investigate their role in a rainforest ecosystem. For example, look at photos/ videos of Australian native bees & discuss 00 how they collect pollen from flowers to transfer seeds and make honey.... yum!

Read and wonder...

- 'Where the Forest Meets the Sea' (1990) by Jeannie Baker
- 'Step Gently Out' (2018) by Helen Frost & Rick Lieder
- 'We Build Our Homes: Small stories of incredible animal architects' (2018) by Laura Knowles & Chris Madden

Link to EYLF Learning Outcomes including 2.4, 4.2, 4.4, 5.2 and 5.5. Education



Quinton



Early Education Curriculum links

Engaging with Art Time and Art Crew is excellent way for educators to integrate visual arts programs with quality digital content. Consider the Early Childhood Australia (ECA) Statement on Young Children and

1.1 Relationships: Children, adults and digital technologies, "Digital technologies can be used to support positive child-adult relationships. For example, adults and children can share positive experiences by co-viewing digital media content together (Takeuchi & Steven, 2011)" - p5.



engagement they can ask questions, put forward ideas and receive feedback from adults and other children in relation to a common activity." - p19.

Teaching and learning emerging from Art Time and Art Crew will link to-

- . The Early Years Learning Framework (EYLF) Outcome 4: Children are Confident and Involved Learners; Outcome 5: Children are Effective Communicators
- The National Quality Framework (NQF) Quality Area 1: Educational program and practice; Quality Area 3: Physical Environment

Follow-up art projects will relate to -

- . EYLF Learning Outcome 4.3: Children transfer and adapt what they have learned from one context
- . EYLF Learning Outcome 4.4: Children resource their own learning through connecting with people, place, technologies and natural and processed materials.
- . EYLF Learning Outcome 5.3: Children express ideas and make meaning using a range of media.
- . Educators can also link experiences emerging from Art Time to NQS Element 1.2.1: Intentional Teaching and 1.2.2: Responsive teaching and scaffolding.
- . NQS Element 3.2.2 requires early childhood services to design learning environments that challenge children and develop confidence to take responsibility for their own learning, which includes 'using a range of commercial, natural, recycled and homemade materials to support their learning in a range of ways'.
- . NQS Element 3.2.3: By actively choosing to include a range of both natural and reused materials in art projects, educators can engage in sustainability practices and support children to become environmentally responsible.

Share the ways you have engaged with Art Time at your setting! We would love to share your photos and

learning stories in the ABC Kids Early Education Reflective Journal.

EP 10 - Upcycled Printmaking

Zindzi is gathering a little of this and that to upcycle for this episode of Art Time. Join her in the Art Time studio turning trash to treasure and learn how we can reuse things like sponges and lids to do printmaking!

Asking families to bring in loose parts for 'upcycling' creates opportunities for children to learn about sustainability, by re-using and re-imagining the use of materials. Using these objects for printmaking is also a fun way of making art! In this episode Zindzi experiments with different printing methods and materials.

She dips textured sponges and bottle tops into paint and then prints onto paper. Printmaking allows children to explore and experiment with textures, colours, shapes and patterns to become creative and confident learners. It also provides the opportunity for children to create repeated patterns as they print things over and over again on the page. Manipulating objects to make patterns enables children to develop essential early numeracy concepts.





Through the Art Time projector we see ...

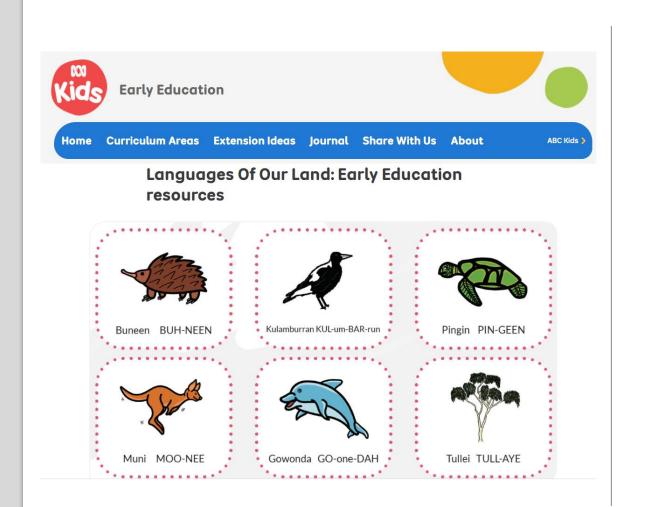
Flowers by American artist Andy Warhol, who used the silkscreen printmaking process as a medium for many of his artworks.

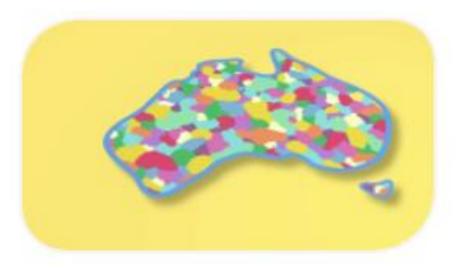
The 'Peonies and Canary' artwork by Japanese artist Katsushika Hokusai. Zindzi explains how this artist uses a wooden block to print leaves and flowers. Visit The Metropolitan Museum of Art for more information about various printmaking art techniques.

Other printmaking artists to explore include Frank Stella and Megan Hinton.

- Try Zindzi's printmaking technique using wool and cardboard scraps. Tape one end of the wool to a piece of cardboard, encourage children to make shapes with the wool (e.g. a flower) and then secure the wool. Paint over the wool shapes created using a large brush. Then press a piece of paper on top to create a print of the shape.
- Wrap some small wooden blocks with wool and tape each end to secure in place. Press the block onto a tray of paint and then print onto paper. Children can create coloured, repeated patterns by using this easy 'woodblock printing' technique
- Print with cardboard roll shapes fold old paper towel rolls (cut in half) into various shapes (e.g. heart, oval, dinosaur footprint) at both ends. Children can dip the ends into coloured paint and print shapes onto a large sheet of paper.

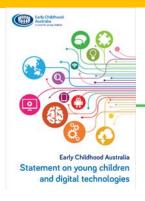






Languages Of Our Land

Languages of our Land is an active learning Interstitial series sharing the Aboriginal language of Yugambeh, located in South East Queensland.



PART 1: RELATIONSHIPS

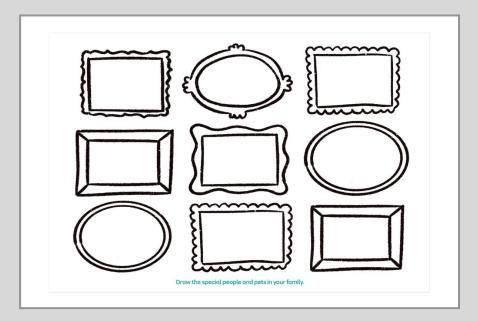


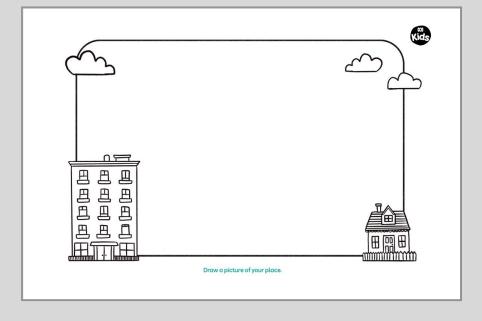
"Now that young children are growing up in digital contexts, it is vital for educators and families to work in partnership to create shared understandings about digital technology use" (ECA, 2018).





The first in our ABC Kids Early Education personalised book series; this resource encourages children to represent and share ideas about their home and their family.







Early Education



Curriculum Areas Extension Ideas Journal



Share With Us About

Reflective Journal

Workshops, collaborations, research, rehearsals! Ever wondered what goes on behind the scenes at ABC Kids? Find out how our processes can help inspire and inform your work with children, families and communities.

Our Reflective Journal is compiled by the Early Childhood Education Producer at ABC Children's. Keep checking in to see what's on our minds at ABC Kids. Share with us. we'd like to keep the conversation going!



Harmony Week Resources from Play School

16 March 2021

A collection of Play School resources to support your planning and practice during Harmony Week.



Pathways to inclusive transitions

15 March 2021

Jennifer Brankin reflects on her son Alexander's difficult transition to Kindergarten in 2020 and discusses what would have turned that negative experience around.



Safer Internet Day - start the chat about online safety

5 February 2021

Information and great new resources from the eSafety Commissioner - supporting you to start the chat about online safety.



The power of reading aloud

3 February 2021

In a swirling sea of days marked for special acknowledgement and awareness, World Read Aloud Day stands out for those who understand the power of shared storytelling experiences in the





Curriculum Areas Extension Ideas Journal Share With Us About

ABC Kids >

Tech savvy in the early years: ABC Kids team up with the early childhood research community!



Our discussion group at the 2020 Australasian Journal of Early Childhood (AJEC) Research Symposium.

23 March 2020

During these super challenging times, most of us are warding off the spread of COVID-19 by spending much more time at home. Staying connected with friends, family and colleagues online is particularly important. As we look for ALL the ways to keep children engaged and busy (without many of our usual face-to-face networks), discussions around tech use in the early years are as relevant as ever! This post shares info about our ongoing collaboration between ABC Kids and the early childhood research community. Hopefully a welcome diversion to some of your other reading at the moment.

Critical reflection



Educators can reflect on their:

- Beliefs about play-based learning and active play.
- Attitudes towards the educational value of digital technologies in the early years.
- Ability to engage in intentional decision making about the use and non-use of digital technologies for learning.
- Skills and confidence with using different types of digital devices.
- What are the daily challenges with media and digital technologies and how children can access it in your program?

Find us

- Facebook ABC Kids Community
- Subscribe to the ABC Kids Newsletter
- Website
 http://abc.net.au/earlylearning
- Email earlyeducation@abc.net.au



