

CONTINUITY OF CURRICULUM

RATIONALE

In light of current state government recommendations due to the COVID-19 pandemic, Boyare Primary School needs to prepare for students to learn from home:

Administration and Teachers have a leadership role in supporting successful transitions to learning at home and in supporting parents/carers to build on children's prior learning. This process is multifaceted and requires professional decisions for each child and their learning.

PURPOSE

The learning at home policy ensures that students and their families are supported to continue their learning at home, despite isolation, potential school closure and regardless of personal circumstances such as technology accessibility and language barriers.

DEFINITION

"Learning at Home" refers to the ways in which students will work towards the curriculum objectives outlined in the WA Curriculum, as directed by Boyare PS teaching staff, with support from their parents/carers.

MODES OF LEARNING

- 1. Online via CONNECT classes.
- 2. At home via prepared paper work packages (for those without email access and to supplement emailed lessons).
- 3. At home via phone calls between school staff and students/parents/carers.
- 4. Online via lesson suggestions posted on CONNECT
- 5. Online via the DoE WA Learning at Home website for parents: <u>https://www.education.wa.edu.au/learning-at-home</u>

CONTINGENCIES AND IMPORTANT CONSIDERATIONS

This policy operates within the guidelines of the Western Australian Government, the Western Australian Department of Education and the discretion of the School Principal.

- Meeting the learning needs of students is a whole-school responsibility.
- We have work packages prepared but do not duplicate prematurely in case these are not used.
- Resources are and have been prepared by the department.
- Classroom lessons are uploaded via CONNECT to families.
- The website is password protected, which enables confidentiality and privacy of privileged lessons plans and learning resources.
- Not all students will have access to e-Learning, therefore hardcopy work packages will be available at the 'kiss and drive' or delivery in extreme circumstances.
- Staff who are delivering at the Kiss/Drive will have PPE on and place through the window on the backseat.
- Teachers will keep a log of engagement with parent/ carers/students this information is to be entered on SIS and
- We will provide daily lesson plans and academic assistance by email if necessary (and by phone if possible) to student or parent/carer staff have been provided with all necessary details.

Future contingencies

• WEBEX/ZOOM

LEARNING AT HOME: MODES OF DELIVERY

Learning will be delivered through a range of modes, in order to maximise accessibility to learning for all students.

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Mode 1: Mainstream Learning

Students will be emailed a daily lesson by their teacher and the lesson and resources will be uploaded onto Individual CONNECT Pages. Parents/carers will support their child to complete the lessons. These lessons will be directly linked to the WA Curriculum and teaching/learning overviews. The focus of this learning is literacy and numeracy.

Specialist staff will upload learning plans via CONNECT.

Hard copy work packages will be available upon request and provided at at designated time through the 'kiss and drive'.

Teachers will record interactions with families on SIS for accountability or a word document if working offsite.

Staff will mark completed work, both digitally and hardcopied.

Mode 2: SAER (Individualised Learning)

Students with additional needs will work on individualised programs provided by their teachers, addressing their documented learning goals, with a focus on literacy and numeracy.

Hard copy work packages will be available upon request and provided at at designated time through the 'kiss and drive'.

Teachers will record interactions with families on SIS for accountability.

Special Needs EA's and AIEO will be contacting families each week.

Mode 3: Optional Learning

Students can choose to access optional online learning resources recommended by their teachers and/ or the school e.g. Learning at home resources, suggested websites and activities & 25 things to do in social isolation.

PROCEDURES

Preparation

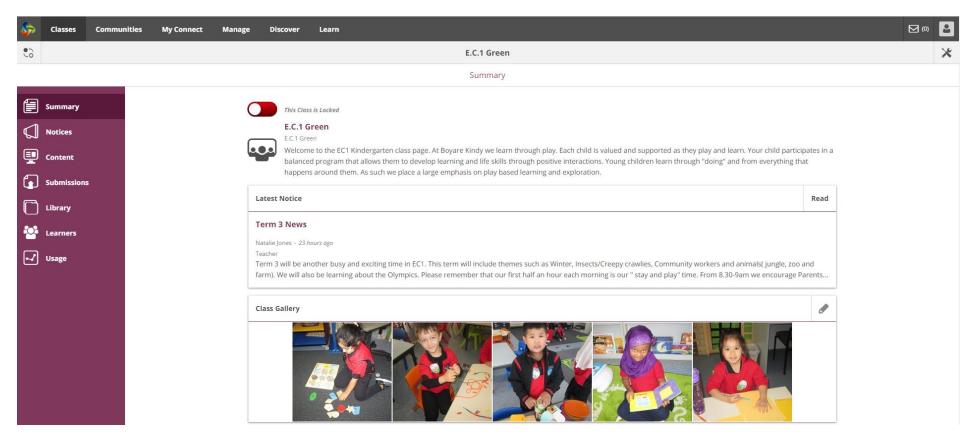
- Support staff and the community to access and utilise CONNECT effectively.
- Prepare resources to supplement "learning at home."
- Create a new website that will support the necessary logistics and privacy.
- Organisation of kiss and drive dissemination.
- Create collection boxes which will be located at the front office.

MODE 1 DELIVERY (Mainstream)

This mode is the mandatory delivery of learning for the majority of students.

- 1. In this mode, daily lessons will be uploaded to all students via connect, supplemented by hard-copy resources request and provided at designated time through the 'kiss and drive' by a staff member wearing PPE.
- 2. In this mode additional resources and plans will be available on the password protected website link.

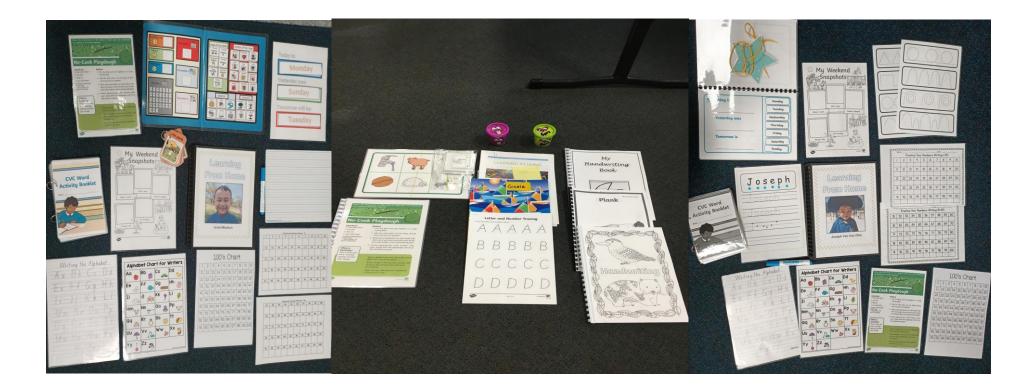
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MODE 2 DELIVERY

Mode 2 delivery is also mandatory, individualised learning for the identified students in this mode. It is designed to meet the needs students <u>at</u> <u>educational risk</u>, and provision for individual programs will be made. These students will have individual or group documented plans, with targeted learning goals.

- 1. For students in this mode, learning needs can be met via differentiation from the mainstream program or could entail individual lesson plans, depending on the ability/level/needs of the student.
- 2. Lessons will be delivered via email or hard-copy package, depending on negotiation with families.
- 3. The Special Needs EA's will liaise with classroom teachers and provide the necessary support e.g. advice, liaising with the family etc



MODE 3 DELIVERY

Learning that can occur in this mode is <u>optional</u>. Teachers will provide access to additional resources that parent/carers/students can choose to access at any time. Students will also be directed to these learning options by their teacher, in order to supplement daily literacy and numeracy lessons.

Options for learning in this mode are:

- The school website outlines online learning resources for students which will be included as a supplement to daily lessons.
- The Education Department's "Learning at Home" website can also be utilised at any time as an additional resource, by those families with internet access.

COMMUNICATION DURING LEARNING AT HOME

Teachers and Education Assistants will be required to implement communication protocols with families and students while learning at home is occurring. The purpose of this will be to provide academic, wellbeing and pastoral care support during this time. Communication forms will include 'posting' and regular phone calls throughout the week to check for understanding and provide help where needed.

EXPECTED COMMUNICATION

STAFF

- Will communicate daily via CONNECT.
- Will answer queries in a timely fashion (within 24hours) either via email, uploading a comment or phone call.
- Will create a roster that will ensure all students are contacted via phone or webex at least twice a week.
- Will organise at least one 'webex' each rostered work day.
- Will be respectful and patient inn their communication we are all learning together!
- ADMIN will post daily onto CONNECT, which is linked to the Website and Facebook.
- Special Needs EA's will make contact with designated students daily either via web ex or phone.

PARENTS/CARERS

- Will inform the school of which mode they will use for LFH.
- Will be respectful and patient in their communication we are all learning together!



Free Websites & Resources

PLD - Literacy https://pld-literacy.org/home-learning-with-pld/ Kindergarten https://pld-literacy.org/early-years-home-learning-with-pld/ **Pre-Primary** https://pld-literacy.org/foundation-year-home-learning-with-pld/ Year 1 - 2 https://pld-literacy.org/year-1-2-home-learning-with-pld/ Year 3 - 4

https://pld-literacy.org/year-3-4-home-learning-with-pld/ Year 5-6 https://pld-literacy.org/year-5-6-home-learning-with-pld/

Twinkl

- Free home packs available for download https://www.twinkl.com.au/

Classroom Secrets - Free take home packs of resources available - good materials to print

https://classroomsecrets.co.uk/ Scholastic- Scholastic

have offered 30 days of free resources for learning at home https://www.scholastic.com/teachers/teachingtools/articles/resources/scholastic-learn-at-home--free-resources-for-schoolclosures.html#

Khan Academy Kids

- Books, activities, maths, phonics, coding, problem solving and even motor development. Animal character guides. Adaptive program. Free remote access available: https://khankids.zendesk.com/hc/en-us/articles/360040315632-How-to-use-Khan-Academy-Kids-for-remote-learning





Starfall

- Lots of free resources – Phonics, reading, maths. Projectable books and posters. App also available. Free resources from link. https://www.starfall.com/h/

Hit the Button -

Mathematics

https://www.topmarks.co.uk/maths-games/hit-the-button Stop the Clock -

Mathematics

https://games.forkids.education/stop-the-clock/

Top Maths -

Mathematics https://www.topmarks.co.uk/maths-games/5-7-years/counting Splash ABC

https://education.abc.net.au/home#!/home

Storyline - Literacy

https://www.storylineonline.net/ Herald Sun Kids

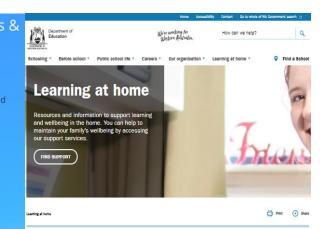
https://www.kidsnews.com.au/news

3 - 6 Subscriptions students should have their own logins

Study Ladder https://www.studyladder.com.au/

Mathletics https://www.mathletics.com/au/

Literacy Planet https://www.literacyplanet.com/au/







Learning resources by year level Resources, activities and information to help children and young people continue to learn while at





Support for parents and caren

We are committed to ensuring all students are safe, supported and able to continue their studies, whether at school or at home.

Learning resources from across the netion

Additional learning resources can be found from reputable sources.

During these difficult times, maintaining a positive wellbeing may be a challenge.

Aselstance for schools We are committed to ensuring all students are safe, supported and able to continue their studies, whether at school or at home.

Support for children and young

LEARNING AT HOME

(This is a new adventure for us too, please be patient)



Our school is embarking on a new adventure and have been busy preparing to 'go online', should the need arise! Our purpose is to ensure students and parents are supported with academic assistance during this difficult and unprecedented time.

What will 'LEARNING AT HOME' look like?

- Each classroom teacher will provide lesson plans and activities to families daily via CONNECT
- Parents/ carers can contact their classroom teacher for clarification on tasks and request a 'call back' if necessary.
- Learning can be 'beyond' the classroom see below some additional resources and tips for success.

Schedule Screen time. Time ticks by quickly when using technology so it is a good idea to schedule when screen time will happen for students. Placing a boundary on technology will help students with expectations and managing the day.

Timetable Learning. Students respond well to a timetable of the days learning experiences. Being organised and having a visible timetable helps them to engage in learning tasks and brings a sense of achievement when they have completed them. This includes break times. Having a scheduled recess and lunchtime is really important as it keeps routines for students.

- Literacy (ENGLISH) (1.5 2 hours daily) morning is best!
- Maths- (1.5 2 hours daily)- morning is best!
- Physical Education (2 hours a week)
- Health, History, Science, Language, Design & Technology, STEM & Art (schedule each subject for an hour each a week) – more time if you enjoy it!

Make Technology Purposeful. At the back of this brochure we have a list of high quality online learning platforms and Apps that can be downloaded to enhance learning for students. As a school we always strongly advocate that parents closely monitor digital technology use at home, as is done at school.

Organise a Learning Space. A dedicated space helps students to code switch into a learning mindset and focus on tasks. Reducing distractions like the television and other stimulus can also help students maintain focus and get the most out of tasks. So, turn off the TV and loud music before they settle down to work.

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Before Reading

· What is this book about? Make a prediction

 Make a connection to the text so children can share experiences that may relate to the topic

During Reading

· Model good reading for your child where possible

 Ask clarifying questions about characters, events and motives for actions (who was...?, why do you think...? why did the character react like that...?

After Reading

 Reflect on what has been read and ask further questions (What would you have done if you had been in the same situation? Who was the most important character? Why do you think this? Have you ever [c][__? What would happen_?]

For more information, please browse out website Curriculum areas for more at home ideas.

Activities and resources for parents to engage their children in the home with fun but meaningful activities are available on the Department's Learning from home website

https://www.education.wa.edu.au/learning-at-home/learningresources-by-year-level

Writing: Journaling for kids is a wonderful way to open up new horizons. You can use them to be creative, find out more about yourself, develop intuition and solve problems. Journaling is as a kind of window into how students are thinking about what they are learning. Student journals can be an important source of information about learning difficulties, misconceptions, strengths and weaknesses, and metacognition. The act of transferring thoughts, ideas, and feelings into written words also encourages students to examine their own thought processes.

Journaling is a way to process and think things through very effectively - helping you to make decisions. It strengthens your sense of self and helps your realise your potential. It is a great way of clarifying goals and learning to trust yourself. And it gives your child a safe place to play around with their creativity and writing capabilities.

For me, journaling keeps me grounded and focused. Or even more therapeutic -

making the bed.
 Journal entries.

Literacy

Oral Language- Encourage deep

language is an important foundation

writing, encourage students to 'have

conversations and lengthy

for reading and writing.

opportunities.

responses from students. Oral

Spelling & Vocabulary- When

a go' at tricky words and reread

Reading- Build reading into every

of comprehension questions over

the page to support you with

strengthening understanding.

Writing- Work with your child to

create persuasive writing on a

or narrative could also be jointly

language and vocabulary to

Shopping list.

and verbs).

Other ideas:

topical issue. An information poster

constructed with students. As they

write, discuss the use of interesting

enhance sentences (rich adjectives

opportunity possible. There are lists

their writing to look for editing

Narratives: made up stories

Procedure text – a step by

step guide to carry out

household tasks e.g.

recipes, washing up,

Recount of something they
 have done
 Board Games

Uno, Monopoly, Boggle, Scrabble and Pictionary?

it gives me a place to have a really good moan!

Board games are a great way to integrate Literacy and Numeracy in a game situation. Spelling, Reading and Maths are all key skills in board games and a fun way to learn. Below are a few examples of tried and true games:

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Suggested Websites and Activities to use for Home Learning – K-6

PLD - Literacy

https://pld-literacy.org/home-learning-with-pld/

Kindergarten

https://pld-literacy.org/early-years-home-learning-with-pld/

Pre-Primary

https://pld-literacy.org/foundation-year-home-learning-with-pld/

Year 1 – 2

https://pld-literacy.org/year-1-2-home-learning-with-pld/

Year 3 – 4

https://pld-literacy.org/year-3-4-home-learning-with-pld/

Year 5-6

https://pld-literacy.org/year-5-6-home-learning-with-pld/

Iwinkl - Free home packs available for download

https://www.twinkl.com.au/

Classroom Secrets - Free take home packs of resources available - good materials to print

https://classroomsecrets.co.uk/

Scholastic- Scholastic have offered 30 days of free resources for learning at home

https://www.scholastic.com/teachers/teaching-tools/articles/resources/scholastic-learn-at-home--free-resources-for-schoolclosures.html#

Khan Academy Kide - Books, activities, maths, phonics, coding, problem solving and even motor development. Animal character guides. Adaptive program. Free remote access available:

https://khankids.zendesk.com/hc/en-us/articles/360040315632-How-to-use-Khan-Academy-Kids-for-remote-learning

Starfall - Lots of free resources – Phonics, reading, maths. Projectable books and posters. App also available. Free resources from link.

https://www.starfall.com/h/

Hit the Button - Mathematics

https://www.topmarks.co.uk/maths-games/hit-the-button

Stop the Clock - Mathematics

https://qames.forkids.education/stop-the-clock/

Top Maths - Mathematics

https://www.topmarks.co.uk/maths-games/5-7-years/counting

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Board games to encourage skills in Literacy

Mathematics

Number – Encourage students to improve their basic number facts and times tables by calculating the change from shopping, or the difference between sale price and retail price. Conversations about how they get their answer helps confirm their understanding.

Measurement – Students really enjoy measuring different objects around the house. Try measuring the volume of different shaped glasses/cups, or the length/area of their room. Better yet, students could redesign their bedroom or house using mapping.

Geometry- Building different 3D objects with old boxes is a great way to learn about 2D shapes and 3D objects. Make sure you have deep conversations about the different shapes and 3D object you make together to develop an understanding of shape properties.

Chance – Chance is all about the different possibilities. The best way to learn about chance is by playing board games and encouraging discussions about different possibilities before rolling the die or revealing a card.

Data – Collecting information about how many smartles in a packet or chips per person can be represented on a graph or in a table.

Numero, Uno, Monopoly, Snakes and Ladders

Digital Technology

Pictionary

Boggle

Scrabble

Cranium

Words Up

Tall Tales:

Hedbanz.

Read My List!

· Sequence Letters.

Board games to

Mathematics

encourage skills in

· Apples to Apples Junior.

Trivial Pursuit

East Kenwick Primary School has carefully selected quality internet based learning sites to support you at home with student learning. You can find specific lists further in this document.

jr.brainpop.com (free access for limited time) Wonderful website and App with engaging activities in all curriculum areas.

education.abc.net.au Australian website with a variety of learning experiences (including digital books) for each year level.

vooks.com Online digital library with 1-month free access.

mathplayground.com A great brain workout for maths topics. Year levels can be selected to find appropriate content.

LEARNING FROM HOME

https://www.education.wa.edu.au/learning-at-home/learning-resources-by-yearlevel

Websites to support Physical Education for all years

Go Noodle - <u>www.gonoodle.com</u> Movement and mindful videos to get our children moving.

Cosmic Yoga - <u>www.youtube.com/user/CosmicKidsYoga</u> Yoga, mindfulness and relaxation designed especially for kids aged 3+, used in schools and homes all over the world.

Splash ABC

https://education.abc.net.au/home#!/home

Storyline - Literacy

https://www.storylineonline.net/

Herald Sun Kids

https://www.kidsnews.com.au/news

ABC YA

www.abcya.com Practice math and reading skills all while playing fun games.

Fun Brain

www.funbrain.com play games while practicing maths and reading skills.

Highlights Kids

www.highlightskids.com Read, play games and conduct cool science experiments.

Oxford Owl

www.oxfordowl.co.uk/for-home A range of English and Maths for all ages.

IXL

https://au.ixl.com/ IXL support every learner with activities from across the curriculum.

Phonics Play

https://www.phonicsplay.co.uk/ Interactive phonics games.

The Magic School Bus

https://magicschoolbus.fandom.com/wiki/The_Bus

Syllable factory- BBC-skill wise game

http://downloads.bbc.co.uk/skillswise/english/en01soun/game/en01soun-game-syllables-factory/syllables.swf March 2020

Teach my monster to read

https://www.teachyourmonstertoread.com/about-the-game/what-does-each-gamecover?gclid=EAIaIQobChMIvIbcmPOI6AIV0BiPCh2Y5AyHEAAYASAAEgLIf_D_BwE

Funky mummy ICT

http://www.ictgames.com/funkyMummy/index.html - Addition and subtraction games

BBC Teach https://www.bbc.co.uk/teach?tbclid=IwAR00Uf3CoMTD6Txf1D9WTF9ij4a7T11S_KPEFbIVdgZY2LpsT7ftm22WbE

STEM

https://studio.code.org/courses

Dr Paul Swan	
https://drpaulswan.com.au/games -Interactive math games, resources and free downloadable.	
Switcheroo Zoo	
www.switcheroozoo.com Watch, listen and games to learn all about amazing animals.	
Nat Geo for Kids	
www.kids.nationalgeographic.com Learn all about geography and fascinating animals.	
Forest Phonics	
www.ictgames.com/mobilePage/forestPhonics A spelling game using spelling patterns.	
Deep Space Sparkle	
www.deepspacesparkle.com/category/art-lessons Offers art lessons and resource that will help you teach art to kind the source that will help you teach art to kind the source that will help you teach art to kind the source that will help you teach art to kind the source teach a	ids.
Story Time Erom Space	
www.storytimefromspace.com Storybooks read by astronauts in space.	
Dr Paul Swan	
https://drpaulswan.com.au/games Interactive math games, resources and free downloadable.	
Reading and Writing Activity Ideas:	
https://www.readingrockets.org/article/25-activities-reading-and-writing-fun	

https://www.rasmussen.edu/degrees/education/blog/literacy-activities-for-preschoolers/

K-2 Suggested Activities

(These can be done at least once a week. Some like maths and reading should be done 4/5 time a week)

Some suggested activities. Cooking. Cook favourite meals together, let them mix, chop, stir and follow a recipe with you.	Nursery Rhymes Sing nursery rhymes you know with them, act out, draw picture of them. Watch a YouTube video of them.	Playing cards, board games and puzzles Teach them snap, go fish, memory or other games you have at home. Do a puzzle together.
Drawing and colouring Draw the characters from the story you have read, or something you are talking about. Use a colouring book.	Gardening Go outside plant some seeds, weed, talk about how plants grow. Take photos of different types of leaves, insects or items you find in the garden.	Craft Collect empty boxes, packets, use old clothes, lids to create recycled craft masterpieces. Make necklaces with beads, leaves or whatever you have at home.
Sensory play Make slime, playing with coloured water, ice paints, toy wash using dirt and soapy water, playing with playdough, cutting, gluing.	Counting, ordering objects or sorting objects by, colour, size, materials Sort toys into animals or other, order them from smallest to biggest, sort them into colours.	Rhyming games Rhyme challenge: choose a word "I challenge you to think of as many rhymes as you can for "cat" (or any word). Next player says words that rhyme.
Describing things Look at particular objects from indoors or from nature and use adjectives to describe them using the 5 senses.	Read books Talk about the main characters, their feelings, events from the book. Sequence the events, retell or act out the story or read in funny voices.	Get outside and Play Create obstacle courses, practice kicking balls, shooting hoops, skipping, hopping, throwing and catching.

3-6 Suggested Activities

Get outside and Move Create obstacle courses, practice kicking balls, shooting hoops, skipping, hopping, throwing and catching.	Gardening Go outside plant some seeds, weed, talk about how plants grow. Take photos of different types of leaves, insects or items you find in the garden.	Write a book review Read a book and write/type/tell/ voice record a book review. Include main characters, how it made you feel, likes/dislikes, similarities or differences to other books, give it a star rating.
Labelled Diagrams Do a scientific drawing of an animal include labels and accurate descriptions and features of the animal, plant or experiment.	Read books Talk about the main characters, their feelings, events from the book. Change a character or event in the story and re-write or retell.	Maths games Practice reading, writing and saying numbers, times tables, addition and subtraction problems, skip counting.
Playing cards, board games and puzzles Teach them card games, play board games. Do a puzzle together.	Cooking Cook favourite meals together, write down the steps to create a recipe or recipe books.	Mapping Hide something in your house and draw a map, along with directions on how to get there. See if someone can follow your directions

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Maths Measure the area and perimeter of each room in your home. Draw a map of your home and neighbourhood, timetables	Cooking Cook favourite meals together, write down the steps to create a recipe or recipe books.	Design a board game Design and make a board game. Create rules and all the resources needed. Play the game with your family.
Times Tables Create times table flash cards, time how long each times table takes to say out loud	Write a diary Keep a written or video diary of your days at home with you family	Build Build cubby houses inside and out, build Lego, build with boxes etc.
Craft Sewing, knitting, crochet, pom poms,	Sensory Play Make slime, follow different slime recipes online, experiment with consistencies and simple variables like glitter and colours etc	Get outside and play Create obstacle courses, kick balls at different targets, can you get the ball into the smallest bucket?, skipping

Total Ten

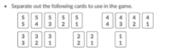
Addition & Subtraction + Year 2 + ACMNA030

A game for one player

 The game can also be played in pairs, with each player checking the other's calculations in turns.

Materials
A Pack of Combo Cards

Rules



Using the six blank cards in your COMBO pack, write the following cards
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 Deal all the above 21 COMBO cards face up in two rows of five, beginning in the top left and dealing across the first row and then the second row. Continue dealing until all the cards have been dealt.



 $\label{eq:second} \ \ \, \text{ or This means that there will be two cards in each pile and one extra in the top left.}$

. The cards may be in the same row or different rows.

 If play stops because the player can't find any combinations that make ten, then cards within a single pile may be swapped around. At the end of the game a single card will remain. The single remaining card should total five. If not, then a mistake has been made and the player will need to check card pairings to determine where the error occurred.

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1x COMBO card

BOYARE PRIMARY SCHOOL

6 3 3 77 Simple STEM Activities for Families

Take a walk in the backyard

- Go to a museum
- Buy something at a garage sale & take it apart
- Fix a broken toy (instead of throwing it away)
- Take a calculator to the grocery store & find the best prices
- Use a big cardboard box to create a rocketship
- Play a card game that involves numbers
- Play Connect 4
- Play Checkers
- Play Chess
- Get an old microscope & look at stuff
- Plant some seeds & record their growth
- Pop the hood & look at a car's engine
 Create your own board
- Create your own board game
- Make the best LEGO car/building/ship ever
- Take pictures of nature & turn them into postcards
- Make slime or goo or oobleck
- Bake a cake or cookies from scratch
- Learn to recognize trees from their bark
 Learn to code games using
- Scratch
- is needed to paint a room Make a blueprint of your
- house
- Watch Mythbusters
- Make your own "Mythbusters"

- Create a stop-motion video using LEGOS or clay
 Read a biography of a
- scientist Watch an episode of How
- Its Made Use a magnifying glass to
- search the ground for bugs
- Use a magnifying glass to
- start a fire Read the news & look for
- numbers
- Read the news & look for science
 Interview a Senior Citizen
- about their experiences with STEM
- Learn to use a compass (either kind)
- Make art using leaves
- Fix a bike
- Ask a friend who owns a
- business for a tour
 Do a science simulation on
- www.phet.colorado.edu
 Create something using
- www.instructables.com
 Search YouTube for "King
 - of Random" and try one of his projects
- Watch Big Hero 6
- Watch Swiss Family Date
- Robinson
 Put together a puzzle
- Make your own puzzle
- Invent something
- Make a "How-To" video
- Have a paper airplane
 - competition
- Play Yahtzee
 - Visit an antique shop
- Build a survival shelter in

- the woods
- Go camping

- keep statistics

 Plant a garden
 Weed a garden & identify
 - the weeds
 - Go rock hunting
 - Design & build mini boats to float down a river

Watch a sporting event and

- □ Visit a farm
- □ Start a business
- Build a solar oven & cook something
- Make a time-lapse video of something in nature
- Make a green screen video
- Play Monopoly
 - Look at the stars

.

- Try origami
- Draw a picture using only circles, triangles, &
- rectangles
 Take pictures of all the shapes in your house
- Build something using popsicle sticks or pipe
- cleaners
 Count all the money in your
- change jar
- Learn to type
 Look for numbers while
- driving in the car
- Make a raft from empty water bottles & jugs
 Reitd control of the second se
- Build something using pulleys
- Build something using gears
- Use a lever to lift something heavy
- Build an hourglass
- Weave something
- See who can cut out the
- most creative snowflake
- Machine



77 (MORE) Simple STEM Activities for Families

Make dinner for your family

waste there is from cooking

Determine how much

Invent your own musical

website gearsket.ch

Pick a word & see how

make from the letters

Measure & graph

Try making gears using the

Create a secret code using

a shift or "Caesar" cipher

many other words you can

temperature or rain totals

Draw your own comic book

Make a time capsule to

shaving cream, food

Plant a butterfly garden

Invent a toy for your pet

Chance of Meatballs

Freeze a small toy or coin

in water & make a time-

lapse video of it melting

water in class containers &

tap gently to make music

Put different amounts of

Make paper airplanes

using foldnfly.com

vinegar

coloring

Learn bird calls

Try sprouting a carrot top.

Put some dirty pennies in

D Put celery or flowers in

dried bean, or fruit seed

water that contains food

Build the tallest tower with

1 piece of paper & tape

Learn to cook a new recipe

Turn an old book into a

secret hiding place

or invent your own

Observe the moon each

night & take pictures to

make a time-lapse video

Watch Cloudy with a

coloring, & a toothpick

open in 10 years

Make artwork using

a meal

instrument

Measure things with a tape

Make a bird feeder using a

Count how many & what

Make a mini-golf course

Read a book & make a

encouraging words

Learn about a STEM

Write a story, act it out with

your family, & record it

Invent a board game using

bottle caps or other small

pinecone, suet, & birdseed

type of birds come to your

Build a model city with

items in your house

measure

birdfeeder

"book trailer"

Paint rocks with

Weave a bracelet

Make a sundial

items as pieces

Draw something with

isometric dot paper

Make a slow-motion video

of something in nature

Learn to fold cloth napkins

Draw 20 circles & turn each

Make bread using yeast

into something (pizza,

planets, wheels, etc)

Build something using

Practice coding using

Scratch or code.org

Learn to crochet or knit

Make your own tangrams

Draw a detailed map of a

Make something from an

empty toothpaste tube

Learn about the history of

technology in your area

Make cardboard automata

Chris Woods @dailySTEM dailystem.com/resources

13

(movable sculpture)

room in your home

Look at the clouds

Learn to sew

Learn how cellphones work

toothpicks or straws

career

- Create a treasure hunt with a map & clues
- Learn to identify trees by their leaves
- Read a book with a STEM theme

Q

- Make the alphabet from sticks or other natural items
 Make your name or words
- out of recycled materials Interview a relative using
- Storycorps.org
- put it back together it Make something from old
- puzzle pieces
- Make a LEGO maze
- Test objects in your house
- to see if they float or sink
 Write instructions to make a sandwich & let someone
- follow them exactly Use the cards A-10 & play
- War, but see who can add, subtract, or multiply fastest Play Battleship Build a paper airplane

Build a fort using couch

cushions & blankets

Make something useful

Invent something to solve a

problem in your home

Make "rubber stamps" out

of cardboard & pasta

Learn to solve a Rubik's

Rearrange furniture in a

movement in the room

Track & graph your high

Make ice cubes from

various liquids & see how

long each takes to freeze

score in a game

including drawings & cover

room to improve function &

Write your own book,

Plant some flowers

from duct tape

launcher

Cube

TIME IN NATURE HAS NOT BEEN CANCELLED

25 THINGS TO DO IN SOCIAL ISOLATION

- Camp out overnight in your own backyard! Pitch a tent or sleep under the stars.
- 2 Start a nature journal sketch or paint leaves, fungi, flowers or other nature finds.
- 3 Collect leaves and make a nature crown or necklace. Pointy leaves are perfect!
- 4 Try star gazing what's the first star you see in the night sky? How many can you count?
- 5 Make a "campsite" in your backyard with a cubby (try and make it waterproof) and pretend campfire.
- 6 Get on your bikes or scooters and head out for a family ride, around your neighbourhood.
- 7 Plant out the vege patch with seasonal vegetables.
- 8 Go on a photo safari. Choose a subject (or colour scheme) and see what you can "capture".
- 9 Go geocaching around your neighbourhood ! if you've never tried a digital treasure hunt before, visit the "<u>Things To Do - Geocaching</u>" section of our website.
- 10 We're going on a bear hunt! Place a teddy in your front window so passersby can see them. How many can you see in your neighbourhood?
- 11 Get artistic with sidewalk chalk. Draw a hopscotch or rainbow on the footpath outside your house!
- 12 Use a notebook to press nature treasures. Collect leaves or flowers, and write notes to remind you of when and where you found them.
- 13 Discover more fun ways to play outdoors. Download the <u>Nature Play WA app</u> to get started.

- 14 Break out the card & board games. Snakes & Ladders, Monopoly, UNO and Pictionary: let's play!
- 15 Learn a new skill. Who in your family can teach you how to knit, sew, bake, garden or build?
- 16 Go on a bug hunt! What creepy crawlies can you find in your very own back yard?
- 17 Create a "boho" picnic experience in your backyard - use couch cushions and floor rugs, with bedsheets hung off your swing set as a canopy.
- 18 Learn how to service your scooter or bike. Check for damage, punctures & give it a good clean.
- 19 Create a living tepee. Fasten together sticks or bamboo & plant a climber (peas or beans).
- 20 Cook on backyard fire pit. Snags in a frypan or toast on a toasting fork. And who can forget the toasted marshmallows? (Check for fire bans first!)
- 21 Go on a family bushwalk. Check the "Things To Do - Hiking" section on our website for trails. Be sure to check for any park closures before you go.
- 22 Write a letter. Find out your friends' addresses, write to them, or send a picture you've drawn.
- 23 Try cloud watching. Can you see animals or shapes? Tell a story about them as they float across the sky.
- 24 Cook together. Make jam or preserves using seasonal fruit. Design your own label for your jam.
- 25 Try mindfulness. Choose a spot outside to spend 5-10 minutes each day. What sights & sounds do you experience? Do the change from day to day?

supported

NATUREPLAYWA.ORG.AU

DIFFERENTIATION FOR LEARNING AT HOME

Differentiation is a crucial aspect of the work we are preparing for learning at home, in order to meet the needs of both students and their parents, who will be supporting them. Parents are not teachers and can't be expected to adjust work that may be above their child's level. It is our responsibility to provide either individualised learning tasks, levelled success criteria or open-ended tasks, so that all students who have work sent home are able to access the learning at their level.

SAER: These students have IEPs/SEN or Group Learning Plans. They are working below the expected level in either Maths, English or both. They may be EALD, and/or they may have a difficulty or a disability.

Teaching Expectation: Just as they would in the classroom, these students need to be given work based on the goals and targets outlined in their documented plans.

Students working close to/at the expected level: This makes up most of your class. These students can make progress with work targeted at their grade related curriculum level. However, within this group there is still a range of "D" students up to "A" students. Differentiation is still necessary. 'Extra for experts' is a good tool for 'A grade' students; alternately a 'warm up' could be used for 'D grade' students.

Teaching Expectation: Although these students can be given the same lessons, opportunity must be provided for them to complete it to different levels of achievement. Differentiation strategies within this context are listed below:

- Levelled success criteria (WILF), eg: "All students will be able to do X" (lowest expectation); "Most students will be able to do X & Y" (Expected level); and "Some students will be able to do X, Y & Z" (extension).
- Add extension or moderated activities to the main lesson (differentiation of the task).
- Provide clear but concise instructions on how to "teach" the lesson for the parents, in order to give their child more opportunity for success and break up the work into small, manageable steps.
- Be available on the phone and by email in order to provide personalised support to parents on how to teach the lessons.

*N.B. Consider differentiating for EALD parents.

COPYRIGHT DURING REMOTE LEARNING

As we deliver lessons remotely, the same copyright allowances and considerations apply as they would in the classroom. Care needs to be taken in the way content is provided to ensure it does not lead to wider uses of content by students that may cause harm to copyright owners.

MONITORING AND REPORTING OPTIONS

- Student/adult at home takes a photo of student work and emails it back to the class teacher.
- Teacher or Education Assistant checks for understanding over the phone or by return email from parent or student.
- Students or their parent/carer may return specified work to front office box outside
- Teachers to create monitoring systems for their students. These will not replicate those used in the classroom.

AVOIDING SOCIAL GATHERINGS - PICK UPS/DROP OFFS

Our school would be looking to 'stagger' pick up/ drop off times to reduce gatherings in the front office.

If we can organize packages prior to 'pick up' that would be the best possible outcome.

Pick up/Drop offs as follows

Kindergarten - Friday PP, 1 & 2 - Monday & Wednesday Year 3,4,5 & 6 – Tuesday & Thursday

DROP OFFS OF PACKAGES TO HOMES

Some families will need additional support in receiving the necessary materials/ work packages.

- 1. Staff will identify families whom have not 'checked in' via any mode.
- 2. The school office will contact family via phone to arrange a drop off time.
- 3. Packages will be prepared and dropped off by 'willing' ADMIN staff on the front porch wearing PPE and without engaging with family.
- 4. The school office will contact family via phone to confirm that they have received the package and note their response.

Family Request - Work package Teacher: forward email to front office Boyare.PS@education.wa.edu.au Family contacts school office. Front office to delegate a suitable time and date Family arrives to 'pick up' work package Family will sign out the workpackage, which will have a return sticker on it with student name and return date. Family returns work package

Family uses the date stamp outside and places the package in the box outside for quarantining package

Work package will be provided to classroom teacher for marking after approved time.

IF WE HAVE STUDENTS ONSITE AND SOME REMOTE – TEACHING STAFF

Whilst the situation evolves and if necessary.

Students who attend school will be supervised as two separate groups – K-2 & 3-6, no more than 15 students will be present in each group and staff will be required to engage. Students will be given a work package from their 'original' classroom teacher for completion.

- **DOTT** 48 minutes per day for Primary & 64 minutes for K/PP (Classroom teacher to manage)
- Engagement Emails, phone calls, entering information into SIS, recording lessons
- Professional Learning online PL, all mandatory to be completed and Principal directed learning
- **Supervision** Duty and supervision of students requiring school names/times will be provided.
- Out of hours' meetings as per usual
- Performance Management as per usual
- Accountability create a daily planner, which incorporates your achievements for the day.

EXAMPL	E

	Monday	Tuesday	Wednesday	Thursday	Friday
8.35 AM – 9AM	Supervision- Rhiannon Josh Tosha				Robert joined
	Daily reading/spelling				
9-10AM	Supervision	Engagement Answered emails from Entered in SIS	Engagement Answered emails from Entered in SIS	School Focus – whole school planning templates	Engagement Answered emails from Entered in SIS
10-11AM	Supervision	PM meeting – goals/ action tracking with NA	DOTT	School Focus – whole school planning templates	Engagement Answered emails from Entered in SIS
Recess					Duty
11.20-12:20PM	Engagement – Phone calls to Enter in SIS	DOTT	Professional Learning DCP	School Focus – whole school planning templates	Cluster meeting (focus on grammar and punctuation)
12:20-1:20PM	Online PL – Webex training	DOTT	Engagement – Recoding myself clarifying 'rocket science'	DOTT	Meeting with NA regarding Joe Blogs work package – too hard. Create SAER
Lunch			Duty		
2-3PM	Engagement – sent out lesson plan	Engagement – sent out lesson plan	Engagement – sent out lesson plan	Engagement – sent out lesson plan	Engagement – sent out lesson plan
	Answered emails Entered in SIS	Answered emails Entered in SIS	Answered emails Entered in SIS	Answered emails Entered in SIS	Answered emails Entered in SIS

SUPPORT STAFF ONSITE

Support staff will be delegated by their line manager only

- Supervision Duty and supervision of students requiring school
- Engagement Emails & phone calls
- Professional Learning online PL, all mandatory to be completed and directed PL by line manager completed
- Teacher support EA's to support teaching staff to plan for SAER and create resources
- Performance Management as per usual

TASKS AND TIMELINES

ACTION	DUE	PERSONNEL
Provide clear direction on "Learning at Home" for Boyare PS staff in preparation for the	ASAP	ADMIN
possibility.	Ongoing	
Upload planning to website/Whole School	When needed	ADMIN
Begin preparations for 'Learning from home' for a week.	Term 3	Teachers/ Specialist Staff
Prepare these into daily lessons which will be uploaded once informed by ADMIN.	ongoing	
Prepare 'hard copy' work packages which will be 'picked up' OR posted to parents for	End of Week 2, Term 3	ADMIN
'mode 1' learning students for a week's worth of work.		
Prepare resources to support SAER and daily lessons, and hard-copy packages, for the	End of Week 3, Term 3	Special Needs Education Assistants &
first week.		ADMIN
Individual work packages are provided to the office for SAER students (whether posted	When needed. By the Thursday of	Teachers, Specialist Staff & Special
or pick up)	the first week of LFH.	Needs Education Assistants
Feedback is sought from, and support is provided to parents regarding their child's	From the first week of lockdown.	Teachers- Allied Support Staff can
learning every second day. Systems to do this can be either by phone or CONNECT.		support as directed.
Staff to develop a class system for monitoring and recording learning during this time –	From the first week of lockdown.	Teachers, Specialist Staff, & Allied
enter engagement on SIS and save into a folder.		Support Staff.
May take the form of:		
-Records from phone calls with students/parents.		
-Records from emails with students/parents.		
-Completed work samples that are returned to school by photo, email, or by online		
submission. Some teachers may request certain pieces of work to be returned to		
school, after isolation is over.		

TEMPLATE FOR WEEKLY ACCOUNTABILITY

	Monday	Tuesday	Wednesday	Thursday	Friday
8.35 AM – 9AM					
9-10AM					
10-11AM					
Recess					
11.20-12:20PM					
12:20-1:20PM					
Lunch					
2-3PM					

TEMPLATE FOR ENGAGEMENT

Date	Who	Mode	Engagement	Entered into SIS