

Years 3 and 4: Wednesday, April 8

TASK 1: LITERACY

Approx: 50 mins

Billie B Brown/Sally Rippin Holiday Program

Note to Parents/Guardians:

Sally Rippin is the author of the 'Billie B Brown' series of books. Each Monday she's doing a school holiday program focussing on a new Billie B Brown book. It's a great way to get your child reading a novel or trying some different literature if haven't read these books before. This lesson is focussed on 'The Bad Butterfly' book which if you haven't got a copy, you can download as an e-book for around \$4 at a site such as this <https://www.booktopia.com.au/billie-b-brown-sally-rippin/ebook/9781742730301.html>

The second school holiday program activity was released on Monday which is 'The Grumpy Neighbour' Billie B Brown book. New versions and activities are released each Monday, might be something your child enjoys.

You can download the whole magazine dedicated to 'The Bad Butterfly' book from the authors page <https://www.sallyrippin.com/> if you can print it out it would be a great resource for your child to have whilst they read the book and enjoy the activities.

Activity:

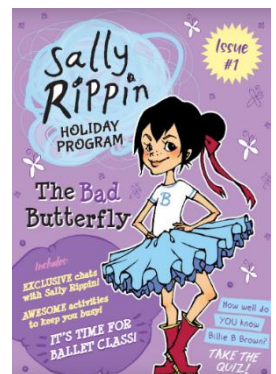
To complete the Sally Rippin School holiday program session 1 – you will need to read the Billie B Brown book 'The Bad Butterfly'.

Read for 15-25 minutes, then continue reading over the coming week and you can complete more activities in other free time.

Look up the school activity book for 'The Bad Butterfly' at <https://www.sallyrippin.com/>

Watch the videos by Sally Rippin on page 2. Then try and complete the quiz on page 5. If you are still reading the book you might not be able to finish the quiz yet.

Complete the Billie and Jack likes and dislikes diagram on page 7. You can read the rest of the magazine and do some more activities at your own leisure.



Curriculum Links:

English – Literacy – Interpreting, analysing and evaluating

Year 3: Use comprehension strategies to build literal and inferred meaning and begin to evaluate texts by drawing on a growing knowledge of context, text structures and language features.

Year 4: Use comprehension strategies to build literal and inferred meaning to expand content knowledge, integrating and linking ideas and analysing and evaluating texts.

TASK 2: LITERACY

Approx: 45 mins

Billie B Brown/Sally Rippin Holiday Program

Note to Parents/Guardians:

This writing activity is based on the reading activity above.

Activity:

Read another few chapters of 'The Bad Butterfly' book in the Billie B Brown series.

Complete the writing activity on page 11 of the school holiday program resource, you have to write a story about a time you found something tricky and what you did to solve the problem.

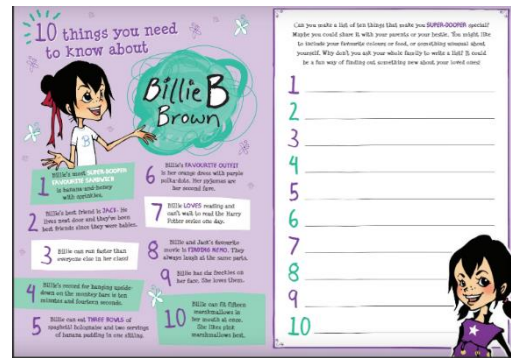
Complete the missing word activity on page 10.

Complete word detective activity on page 8.

Are you enjoying this book?

What do you think of the magazine to accompany it?

Would you like to do 'The Grumpy Neighbour' Billie B Brown holiday program next? Why/why not?



Curriculum Links:

English – Literacy – Creating texts

Year 3: Plan, draft and publish imaginative, informative and persuasive texts demonstrating increasing control over text structures and language features and selecting print, and multimodal elements appropriate to the audience and purpose.

Year 4: Plan, draft and publish imaginative, informative and persuasive texts containing key information and supporting details for a widening range of audiences, demonstrating increasing control over text structures and language features.

BREAK: 30 minutes

TASK 3: MATHEMATICS

Approx: 40 mins

Fractions and Mixed Numerals

Note to Parents/Guardians:

Your child will need a device to play with the Fraction Fiddle online tool.

Fractions worksheet with answers can be found at <https://www.k5learning.com/worksheets/math/grade-3-completing-whole-number-mixed-numbers-a.pdf>

If you can't print your child can copy sums into a workbook.

Activity:

Use this Fraction Fiddle tool to build the following fractions and place them on the number line.

You can find the online tool at <http://www.scottle.edu.au/ec/viewing/L2800/index.html>

Fractions to order and place on number line:

1/3

4/8

3/4

1 2/3

2 1/2

3/3

1 1/3

2/4



Complete the Fractions worksheet here: (Check your answers once you've completed)

<https://www.k5learning.com/worksheets/math/grade-3-completing-whole-number-mixed-numbers-a.pdf>

Extension:

Times tables: Students to listen, read or write out times tables for 10 minutes.

Curriculum Links:

Mathematics – Number and Algebra – Fractions and decimals

Year 3: Model and represent unit fractions including $1/2$, $1/4$, $1/3$, $1/5$ and their multiples to a complete whole.

Year 4: Count by quarters halves and thirds, including with mixed numerals. Locate and represent these fractions on a number line.

TASK 4: DIGITAL TECHNOLOGIES

Approx: 40 mins

Girls4Tech - Cryptologist

Note to Parents/Guardians:

This activity uses a free resource from Mastercard to encourage girls into the STEM professions. The task today focuses on the job of a Mastercard cryptologist.

Your child will need to view, or print for them the pdf from the following website https://5b852b19-e502-4212-b59a-7034e1332176.filesusr.com/ugd/305f44_164875929ca74bfc83e7c1923b462b8e.pdf

Activity:

Although this resource is titled 'Girls4Tech', it's not only for girls. It's about learning real-life challenges to do with the virtual world we live in, like keeping data safe – especially things like bank details when we pay for things online.

How can we keep important and sensitive data safe and secure? Through the application of security technologies that rely on cryptology. These technologies include symmetric encryption and tokenisation.

The job of a cryptologist is to keep data safe. Complete the following activities online or on the worksheet to see some of the things a cryptologist does. View the worksheet (see notes for parents/guardians).

Complete the encryption and tokenisation code activities. To show a friend your code maybe you can get them to do the same activity and email them your code or video call each other.

Would you like to work as a cryptologist? Why/why not?

girls4tech

CRYPTOLOGY

Symmetric Encryption

One example of symmetric encryption is ROT1 Code.
You rotate each letter one place.
A becomes B. B becomes C.
ROT 1 code is the **key** that was used to encode our message.

J BN B HJSM 4 UFDI

Can you read it now? What does it say?

LETTER	WRITTEN AS...
A	B
B	C
C	D
D	E
E	F
F	G
G	H
H	I
I	J
J	K
K	L
L	M
M	N

Curriculum Links:

Digital Technologies – Digital Technologies Knowledge and Understanding

Year 3 and 4: Recognise different types of data and explore how the same data can be represented in different ways

LUNCH: 60 minutes

TASK 5: SCIENCE

Approx: 25 mins

Grow A Seed Jar - Germination

Note to Parents/Guardians:

Equipment you will need for your child to complete this activity;

- Paper towel
- Seeds (lima beans, peas, sunflower)
- Water
- Jar

Activity:

You are going to plant, grow and make observations of growing a seed. Some good seeds to grow are Lima Beans, Peas or a Sunflower.

Fill your jar with paper towels folding them up and filling up most of the jar. Add enough water to wet the paper towels without flooding the jar. Push the seeds down into the sides of the jar where visible. Put your jar in a sunny area and check back over the next few days to watch the seed start to grow!

Over the next few days, make a log with observations of the seed changes.

For example Day 1: no changes noted

Day 2: a part of the seed shows a sprout and so forth.

Once your seed has grown, write you feel seeing something you planted come to life.

What else could you plant and grow in your own garden? Write and draw a plan for your own garden.



*This activity was provided free by <https://www.budgetdirect.com.au/interactives/kids-games/>

Curriculum Links:

Science – Science Understanding – Biological sciences

Years 3: Living things can be grouped on the basis of observable features and can be distinguished from non-living things.

Year 4: Living things depend on each other and the environment to survive.

BREAK: 30 minutes

TASK 6: HEALTH AND PHYSICAL EDUCATION

Approx: 30 mins

Fitness Challenges

Note to Parents/Guardians:

This is a great activity to do with your whole family and challenge other friends and family members for a bit of healthy competition! Check your child's push-up technique so they don't injure themselves. The easiest way to complete the beep test is to download the app to your phone.

Activity:

You are going to complete two challenges today, record your results and then challenge your friends and family (via text, email, social networking sites etc.) to do the same so you can compare your results. It's just for fun not serious competition.

The first challenge is a **push-up** challenge. See how many push-ups you can do in 60 seconds (1 minute).

The push up needs to be done properly with a straight back and your shoulders and arms taking the weight of your body until your chest touches the floor and then rise up again. You should ask an adult to check you're doing it correctly so you don't injure yourself.



Get another person to time you and count how many correct push-ups you do in 60 seconds.

The second challenge is the beep test challenge. The beep test is a fitness challenge where you run 20m between cones until you reach your capacity and you get the score when you can't run anymore.

The Procedure for the Beep test is as follows:

1. Place markers 20m apart.
2. Position yourself at one of the markers.
3. Press the start button of the **Beep Fitness Test** app.
4. Run 20m to the opposite marker, getting there before the next **beep** sounds.
5. Wait there until the **beep** sounds before running back to the other marker.

When you miss making the opposite marker before the beep, you go out and take the score of the previous beep.

You can get the beep test as an app on your phone or via YouTube

https://www.youtube.com/watch?v=e0U_yQITBks

This is an adult fitness test, but there are some ratings for your score from 10 years of age. You can view this rating for your age and whether you are a girl or boy at this website

<https://sites.google.com/site/pefitnessstesting/BeepTest>



This test is used in Firefighter and Police entrance exams when a score of 9.6 is required.

Curriculum Links:

Health and Physical Education – Movement and Physical Activity – Moving our body

Years 3 and 4: Practise and refine fundamental movement skills in a variety of movement sequences and situations.

SUGGESTED LUNCHTIME ACTIVITIES

- Play some games with your pet
- Go outside and play in your backyard
- Take the bins out
- Help Mum or Dad with some work

ADVICE FOR PARENTS/GUARDIANS REGARDING YOUTUBE LINKS:

While YouTube offers some excellent learning resources and we offer suggested links in this material, Kids News cannot guarantee the type of advertisements that will pop up while you are watching these clips. Please only allow your child to watch the suggested clips with supervision so that you can prevent them seeing the advertisements that are not age appropriate.

NOTE FOR PARENTS/GUARDIANS

These free activities are written by qualified, practising teachers in accordance with/with reference to the Australian National Curriculum 2020 and are intended to be used as a guide for parents.



TODAY'S STORIES

- 1. Why we celebrate Easter with chocolate eggs and bunnies**
- 2. See the robotic maids, chefs and pet companions in our hi-tech homes of the future**