

EVERY CHILD A SEED

MY PLANT JOURNAL

NAME: _____

CLASS: _____

SCHOOL: _____



Once upon a time, Singapore was mostly covered with forests and swamps. As more people settled on the island, nature made way for roads and buildings for people to live in.

To build a beautiful and special home, people started to transform Singapore into a Garden City. Green parks started to emerge. Fast-growing trees were planted to provide shade. Even flyovers and overhead bridges were covered in colourful flowers. These efforts made Singapore a place where people can live, work, and play in a garden environment that they helped to create – a City in a Garden.

Even as we face climate change and our island becomes more urbanised, Singapore will continue to provide a more sustainable living environment as we transform into a City in Nature. We can look forward to fresher air, cleaner water, cooler temperatures, and better health and well-being. We do this by safeguarding our core nature reserves while creating more spaces for nature-based recreation, making our landscapes more natural, and strengthening the connectivity between green spaces.

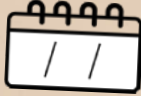
Everyone can play a part in making Singapore a greener home. In 2013, the Every Child A Seed programme was started to give you a chance to grow your own plants from seeds. These plants were specially selected to help you learn about the plant life cycle, and gives you the opportunity to experience the joy of harvest from the care and hard work of gardening.

Happy gardening!



Circle Your Plant!

I am growing a _____ (species)

I planted the seeds on 

I have placed my plants at _____ (where)

Three uses for my plant include:

- _____
- _____
- _____



Getting Started

Plant Needs

All the plants you have received need:

- At least six hours of direct sunlight
- Loamy, moist soil. Water when the soil is dry, and do not let the soil become waterlogged
- A pot that is at least 15 cm deep and 15 cm wide when the plant has four or more leaves

Plant Information

Learn more here!



Planting Notes

- Takes around two weeks to germinate.
- Side shoots can be harvested for eating. You can also propagate* new plants from side shoots through water rooting around a month after germination.
- Flowers around two to three months after germination.
- The plant will die after producing seeds. Cut the flowers off to keep the plant alive for longer.
- Flowers will develop into seeds a week after pollination, and seeds can be harvested for planting.



Thai Basil
Ocimum basilicum

Planting Notes

- Takes up to a week to germinate.
- Side shoots can be harvested for eating. You can also propagate new plants from side shoots through water rooting, around three weeks after germination.
- Flowers around three months after germination.
- The plant will be too tough to eat once it flowers. Consider propagating the side shoots in soil or water to produce softer leaves and stems for harvest.

Learn more here!



Kang Kong
Ipomea aquatica

Learn more here!



Planting Notes

- Takes up to a week to germinate.
- Side shoots can be harvested for eating. You can also propagate new plants from side shoots through water rooting around three weeks after germination.
- Flowers around four months after germination.
- The plant will be too tough to eat and will die after its flowers develop into seeds. Consider allowing the flowers to develop into seeds and harvesting the seeds for planting.



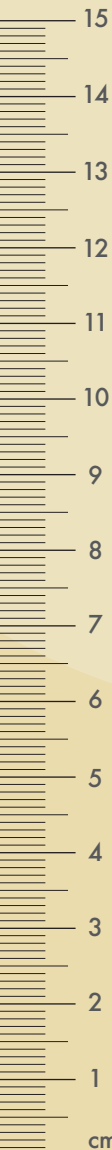
Bayam
Amaranthus tricolor

* **Propagate:** The act of growing new plants from existing plant parts, like seeds and stems.

My Plant's Growth Chart

Draw how your plant grows and changes over time!

Use the ruler on the left to measure the height of your tallest plant.



My plant's seeds
are ____ cm long.

I planted them on
____ / ____ / ____ .

The seeds I planted



Self-Reflection

1. How did I feel while planting my seeds?
2. How can I learn more about what my plant needs?
3. Are there people I can talk to, to learn more about plants?

I first harvested leaves

____ / ____ / ____



My plant after germination

My plant took
_____ days to sprout.



My plant with 4 or more leaves

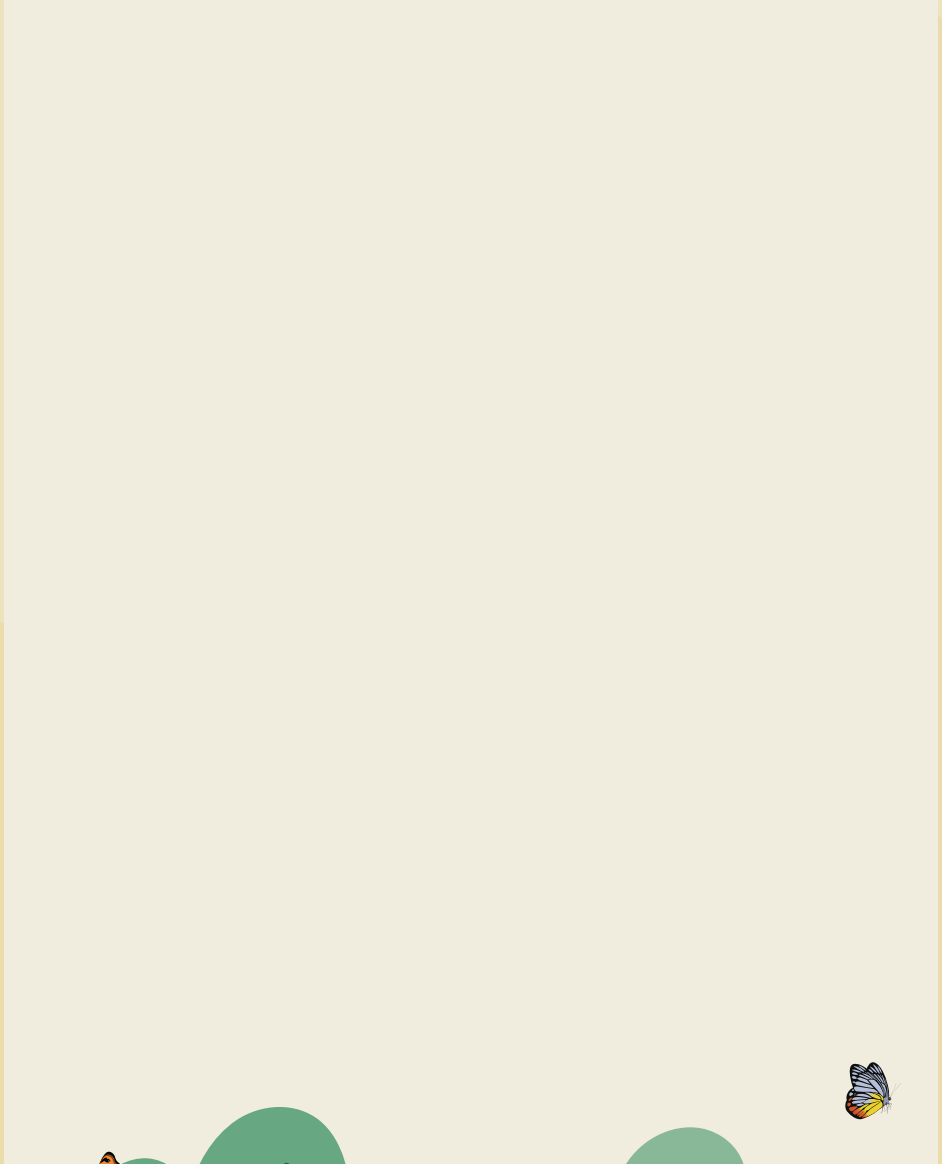
My plant has
_____ leaves
and is _____ cm tall.

on

Plant Growth Needs

Draw your plant growing in the garden,
and label the different parts!

In your drawing, include what the plant needs to grow.





Did you know that different plant parts do different things?
Draw lines to match each thing plants need to the plant part that uses it!

Things plants need

SUNLIGHT

WATER

SOIL

POLLINATORS

Parts of a plant

FLOWERS

ROOTS

LEAVES





I WANT TO GROW MORE!

You play an important role in greening Singapore! Here are more ways you can continue to play your part.

Learn more about plants by visiting our parks and gardens, such as:

- The Singapore Botanic Gardens
 - Jacob Ballas Children's Garden
 - Seed Bank
 - Botanical Art Gallery
- Jurong Lake Gardens
- Fort Canning Park
- HortPark

Browse more digital resources:



Visit a Community Garden near you



Learn more about gardening from GardeningSG



Join a gardening event with NParks

Can you think of other ways where you can contribute to making Singapore a City In Nature? Share them with your classmates and teachers.

For more information on the Every Child a Seed programme, visit:



Supported by:

