

Nature Passport

2026



Special Edition for Nature Friends !

This passport belongs to

.....

.....

.....

.....

Total points



*You are about to start
a new journey*

This journey is about bees and flowers, birds in trees,
germinating seeds, forests walks and treasure quests.

It will be full of discoveries and fantastic stories
to tell one another during long winters.

Share this journey with your family
and together we will unveil a new world,
the wonderful world of Nature.

Are you ready ?

How to use this Passport

This passport includes two kinds of activities : **the guided activities**, which will be done with the help of a teacher or a special guest, and **the activities to do at home** with your family.

- ☐ **Guided activities** will be online, on Discord. To set up your account, ask your parents to have a look below. You can also use Discord to chat with the group and share your pictures for the Best Spotter competition.
- ☐ **Activities to do at home** are for you to complete whenever you like. Follow the instructions and don't forget to ask your parents for help if you need it. Each activity gives you points, so be sure to complete all of them !

At the end of the year, we will add all your points. Depending on your score, you might win a prize !

Info Parents

How to communicate with us

We have a dedicated Whatsapp group for PJCC members (**PJCC 2021 - PE**). This will be used to share information, such as the date and time for online Guided Activities. If your child is part of PJCC you will be added automatically.

Children will be able to talk to us via **Discord**. It is a chat and video platform that will be used for online Guided Activities and for all general chat and questions they will have. Children will also be able to share their Best Spotter pics on this platform. Please refer to the document provided for guidance on registration and online safety.

And of course we are always available via email at
sophie@zoosafrika.com & johnw@zoosafrika.com.

Table of Contents

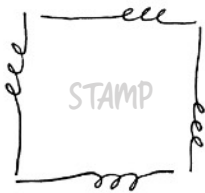
How to use this Passport	page 5
Guided Activities	page 6
Activities to do at home	page 8
Challenge : Repair a broken toy	page 9
The More, the Merrier : Bottle Cap Collection	page 10
Challenge : Make a Nature Artwork	page 11
The More, the Merrier : Lunch without plastic	page 13
Challenge : Let's clean up !	page 14
The More, the Merrier : Never without my Grocery Bags !	page 15
Challenge : Re-using Water	page 16
The More, the Merrier : Nature Clean-up	page 17
The More, the Merrier : Volunteering	page 17
Challenge : Special recipe for feathered friends	page 18
Challenge : What colour is this little critter ?	page 19
Challenge : I like to doodle !	page 20
Challenge : A detective for Strange Trees	page 21
Challenge : A carrot can be eaten twice !	page 24

Guided Activities

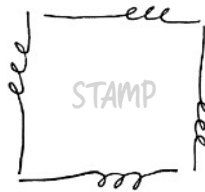
We will do these activities together. Your parents will receive a calendar with the date and time for each activity and you will have to use the computer or the phone to participate. We will also give your parents a list of materials that you will need during the activity, so make sure to have everything ready before we start!

After each activity, we will stamp your passport to prove that you have completed it.

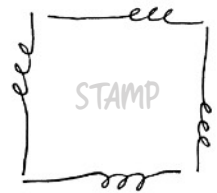
Build a Bird Feeder



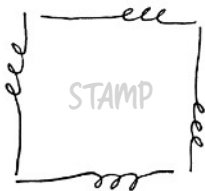
Watch and draw... birds!



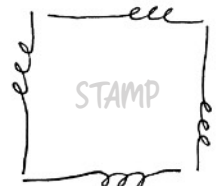
Build an Insect Hotel



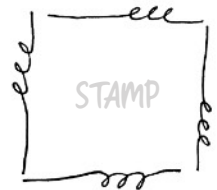
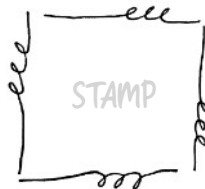
A Bird House in grass



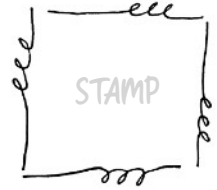
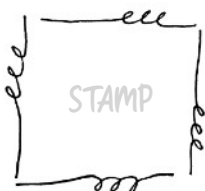
Story time in the Wild



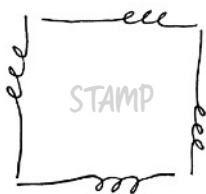
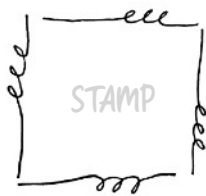
A mini-pond for Frogs



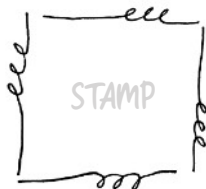
What is a spider?



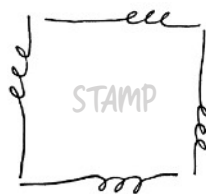
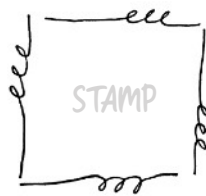
Watch and draw... beetles!



Rock monsters

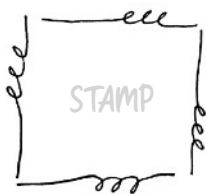
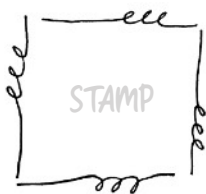


Weather forecast hedgehog

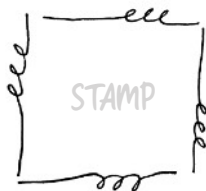


If there are no more COVID-19 problems, then we might be able to really get together. We don't know yet if that will be possible, but in case this happens, we have a few more activities for you!

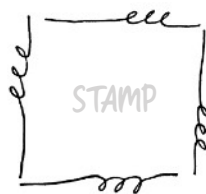
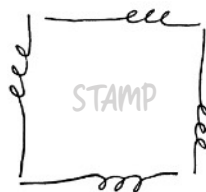
Let's plant trees!



Sand Castle contest



Forest walk & talk



Activities to do at Home

These activities are for you and your family to complete at home. You don't need to wait for us to do them, just decide what you would like to do and get started ! Make sure to read the instructions beforehand, and ask your parents for material or help where needed.

There are 2 types of activities you can do with your family :

- ☐ The more, the merrier, which are activities you can do more than once, and
- ☐ Challenges, which are special activities that only need to be completed once.

How do I complete an Activity?

To complete a 'The more, the merrier' activity, you only need to tick one of the little boxes on the side.

Tick a box every time you complete this activity



How many times did you complete it ?

Tick a box each time !

☐ 1

☐ 2

☐ 3

To complete a Challenge, there are different conditions. Sometimes, you will have to put a picture of what you did, other times it will be a few explanations or even a drawing... Read the instructions and make sure to complete all conditions to get full points !

*Finished ?
Tick the box !*

☐ Done :)



Tick this box once you have finished the challenge

Need more help ?

Send us a message on Discord !
We will be happy to help you :)

Challenge : Repair a broken toy

We often break toys. But what if, instead of throwing them in the bin, we repaired them ? This way, we could use them again !

Finished ?
Tick the box !
☐ Done :)

1. Choose a toy that is broken.
2. Try to see what the problem is. Can you glue it back together ? Is there a piece missing, and could you replace it ? Is the paint getting off, and could you repaint it ? Has it lost an eye, does it need sewing ?
3. Ask your family for help and tell them what you want to do. Maybe your parents have special glue or know how to sew ?
4. Repair the toy. Now your toy is ready to go on new adventures with you !

How did you save your toy ? We want to know !
Explain what you did, and don't forget to add a picture !



The More, the Merrier : Bottle Cap Collection

Do you use plastic bottles at home ? What if I told you that plastic bottle caps can be recycled into wheelchairs for people who need them ? You can help them by collecting all the plastic bottle caps you would have thrown away otherwise.

1. Find a box to collect the bottle caps.
2. Every time you would have put a plastic bottle cap in the bin, place it in the box instead.
3. Once you have collected enough bottle caps to fill your box, ask your parents to help you weigh the contents of the box. Tick the appropriate amount of boxes on this page, according to the weight you collected.
4. Then drop the bottle caps off at one of the bottle cap collection points shown below.
5. You can start your collection again of bottle caps to earn more points !



Where to drop off the bottle caps ?

Sweethearts Fondation

<http://sweetheartsfoundation.org>

Collection points around Port Elizabeth :



Info Parents

How many grams of bottle caps did you collect ?
Tick a box per 100g !



- | | | |
|-------------------------------|-------------------------------|-------------------------------|
| ☐ 100g | ☐ 100g | ☐ 100g |
| ☐ 100g | ☐ 100g | ☐ 100g |
| ☐ 100g | ☐ 100g | ☐ 100g |
| ☐ 100g | ☐ 100g | ☐ 100g |
| ☐ 100g | ☐ 100g | ☐ 100g |
| ☐ 100g | ☐ 100g | ☐ 100g |
| ☐ 100g | ☐ 100g | ☐ 100g |
| ☐ 100g | ☐ 100g | ☐ 100g |

Which bottle caps can you collect ?

☐ Milk bottle caps



☐ Plastic bottle caps

☐ Cold drinks caps

☐ Tags (Tags are the plastic squares used to close the packet holding bread or croissants for example)

Challenge : Make a Nature Artwork

Collect leaves and glue them on the next page to make a beautiful collage. You can even cut shapes into the leaves or add other nature findings such as feathers and flowers... Let your imagination guide you ! When you are finished, don't forget to give a special name to your piece of art !

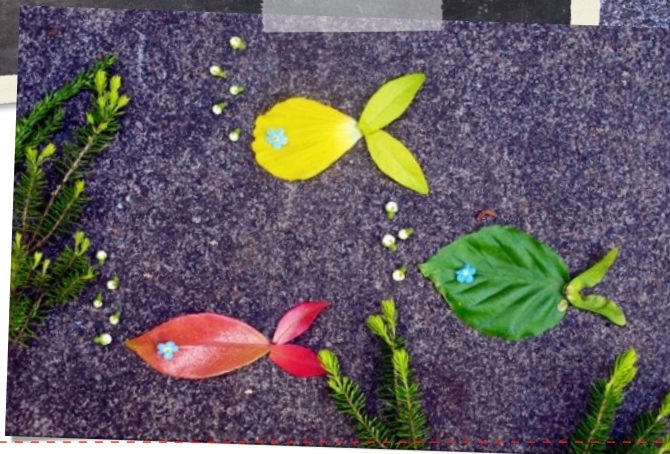
Finished ?
Tick the box !

☐ Done :)

My artwork is named :

.....

No idea what to do ? Below are a few examples from creative minds.





Build your artwork
here!



The More, the Merrier: Lunch without plastic

Are you eating out today? Do you need to bring your own lunch? Are you going on a trip or do you need a lunch box for school?

Why don't you pack your lunch in a re-usable lunch box instead of using a pre-packaged sandwich? You can also replace a single use plastic bottle (for a cool drink for example), with a re-usable one.

Tick a box each time you pack your own lunch and use a re-usable lunch box and water bottle.



Why is plastic dangerous?

Buying food that comes wrapped up in plastic is not so great for the environment. This plastic is often single-use, which means that it will be used once, and then thrown away. This 'single-use plastic' is used to make all kinds of items, such as shopping bags, straws, food wrappers and various packaging. Often, it is not recycled and it ends up in the middle of the ocean, where it stays for a **very long time**. Plastic is not like wood for example, it takes over 400 years to decompose (break down)! This whole time, it stays in the natural world, causing damage to wildlife.

Plastic items are dangerous. Animals and birds can get trapped, tangled and even strangled by all kinds of plastic waste, such as discarded fishing nets and six-pack rings from drinks cans. They also mistake small bits of plastic, such as bottle tops and wrappers, for food and gobble them up – leaving no room in their swollen tummies for real food. And the problem doesn't end there...

When plastic breaks down in the ocean, it doesn't break down completely – it just gets smaller and ends up being swallowed by fish and other marine animals and birds. The tiny particles of plastic absorb toxic industrial chemicals which, when eaten by fish, are absorbed into their tissues and are eventually eaten by humans.

How many times did you use a re-usable lunch box & bottle?

Tick a box per lunch!

☐ 1	☐ 2	☐ 3
☐ 4	☐ 5	☐ 6
☐ 7	☐ 8	☐ 9
☐ 10	☐ 11	☐ 12
☐ 13	☐ 14	☐ 15
☐ 16	☐ 17	☐ 18
☐ 19	☐ 20	☐ 21
☐ 22	☐ 23	☐ 24
☐ 25	☐ 26	☐ 27



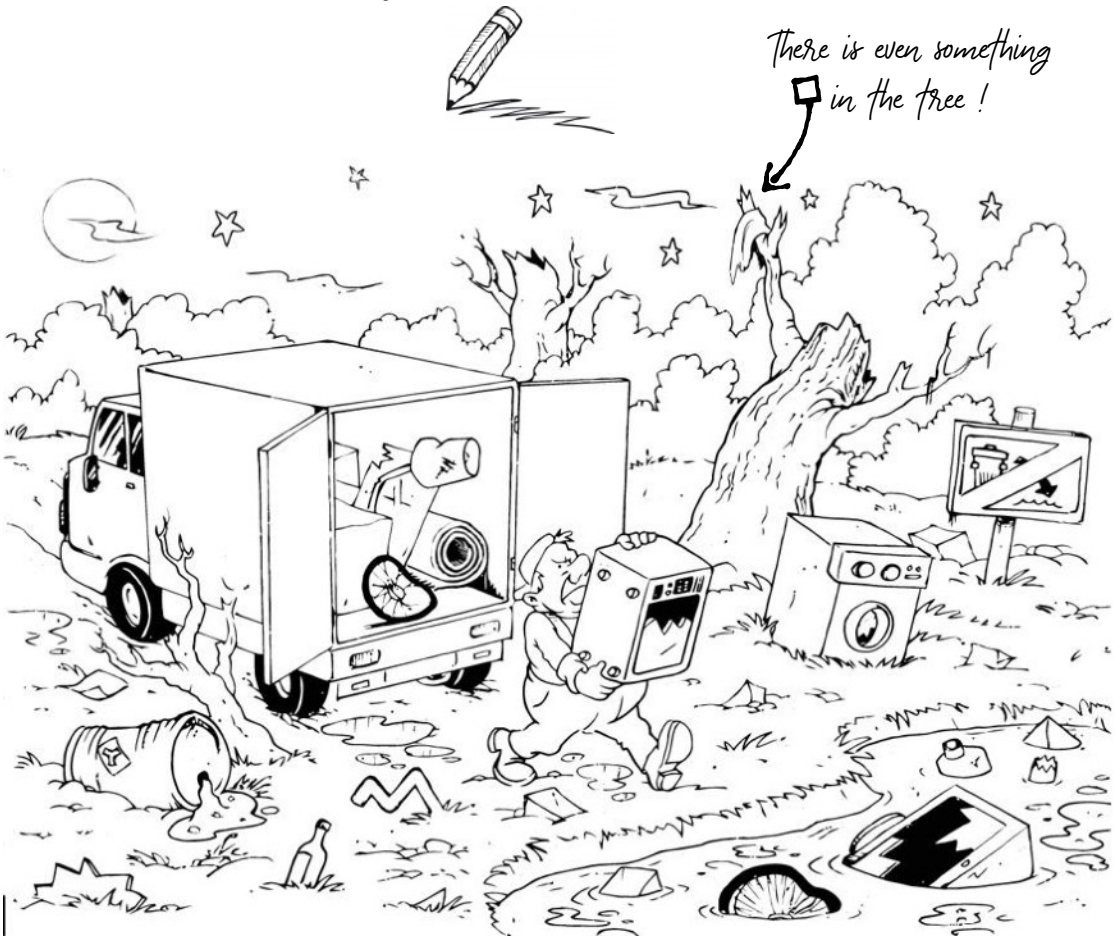
Challenge : Let's clean up !

The picture below is a drawing of a beautiful river. Well, to be honest, it was beautiful, but not anymore. Plenty things have been left next to the river and the place is now looking very bad...

Finished ?
Tick the box !

☐ Done :)

There are plenty things that should not be thrown in nature because they can be dangerous for animals and plants. Take a red colouring pencil and colour all the things that should be removed for the river to become clean again.



Have you found all of them ? There are 20 things that pollute the river. Find them all !
Tip : even some liquids can be dangerous !

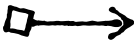
The More, the Merrier : Never without my Grocery Bags !

Every time we go shopping, we use bags. Often, it is plastic bags that the store provides. But plastic bags are not the best for nature, they often get lost and pollute the ocean, the forests...

So why don't we stop using plastic bags ? What if we could bring our own bags to the shops and re-use them every time ?

This year, you will help : you will remind your family, your parents, your brothers and sisters to take re-usable bags when they leave the house to go shopping.

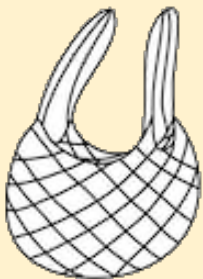
And each time you are successful in making them use their re-usable bags, you can tick a box on this page !

Not this ! 



What is a re-usable bag ?

There are plenty different types of bags, the choice is yours ! The only thing is that it needs to be used multiple times, and can be cleaned when dirty.



Grocery
mesh bag



Cloth
handbag



Cloth
tote bag



Cotton pouch



Mesh pouch

How many times did your
parents take their bags ?

Tick a box each time !

☐ 1	☐ 2	☐ 3
☐ 4	☐ 5	☐ 6
☐ 7	☐ 8	☐ 9
☐ 10	☐ 11	☐ 12
☐ 13	☐ 14	☐ 15
☐ 16	☐ 17	☐ 18
☐ 19	☐ 20	☐ 21
☐ 22	☐ 23	☐ 24
☐ 25	☐ 26	☐ 27

The More, the Merrier : Nature Clean-up

When we go walking or hiking, we don't like to see pieces of litter laying around. It looks dirty and it is dangerous for the wildlife.

But we can help ! It is easy to pick up litter and put it in the correct bin. This way, the nature around us stays clean.

Do you know a place close by that would need a little cleaning ? Put on a pair of gloves, take a plastic bag and ask your family for help. It is easier together :)

For each completed clean-up expedition with your family, tick one box !

How many times did you
pick up litter ?
Tick a box per expedition !

☐ 1	☐ 2	☐ 3
☐ 4	☐ 5	☐ 6
☐ 7	☐ 8	☐ 9
☐ 10	☐ 11	☐ 12

The More, the Merrier : Volunteering

Unwanted pets often end up in animal shelters, where they wait for someone that can take them home. But there are a lot of pets that don't have a home, and animal shelters get busy very quickly...

You can help them if you'd like, by volunteering for a few hours to feed the animals and maybe take them on a walk. Shelters always need extra hands to take care of the animals.

Ask your parents if you would like to help : they will know the address of the nearest shelter and will accompany you.

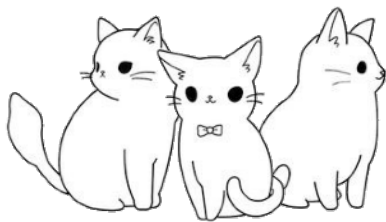
How many times did you
help at the shelter ?
Tick a box per expedition !

☐ 1	☐ 2	☐ 3
☐ 4	☐ 5	☐ 6
☐ 7	☐ 8	☐ 9
☐ 10	☐ 11	☐ 12

Info Parents

Don't miss this opportunity to showcase the time and effort a pet requires !

It is ideal to explain the concept of responsibility towards animals kept as pets and the importance of good animal care and welfare.



Challenge : Special recipe for feathered friends

During winter, birds need a little extra calories to keep them warm. But it is not always easy to find food when all the insects are hidden and the plants withered... This is where we can help : we can prepare special bird food for them, packed with everything they need to survive !

Finished ?
Tick the box !

☐ Done :)

Follow the recipe below and hang the result in a tree or place it on a table for the birds to find it. Don't forget to take a picture !

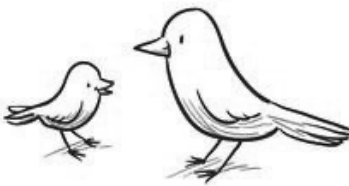
Bird Super Suet



You will need...

- ☐ 1 tbsp bird seeds (mixed)
- ☐ 1 tbsp oat flakes
- ☐ 1 tbsp peanut butter (no salt, no sugar)
- ☐ 4 tbsp margarine (no butter !) or suet

1. Make sure none of the ingredients have salt or sugar in them – it is not good for the birds !
2. Combine all the ingredients in a large bowl. Mix well.
3. Put the mix into little pots or muffin trays (don't forget to add a piece of string in the middle of each to hang it !).
4. Let it cool in the freezer for a night.
5. Once it is solidified, you can either hang it in a tree or add it to a bird feeder.



Glue a picture of your
bird meal here !



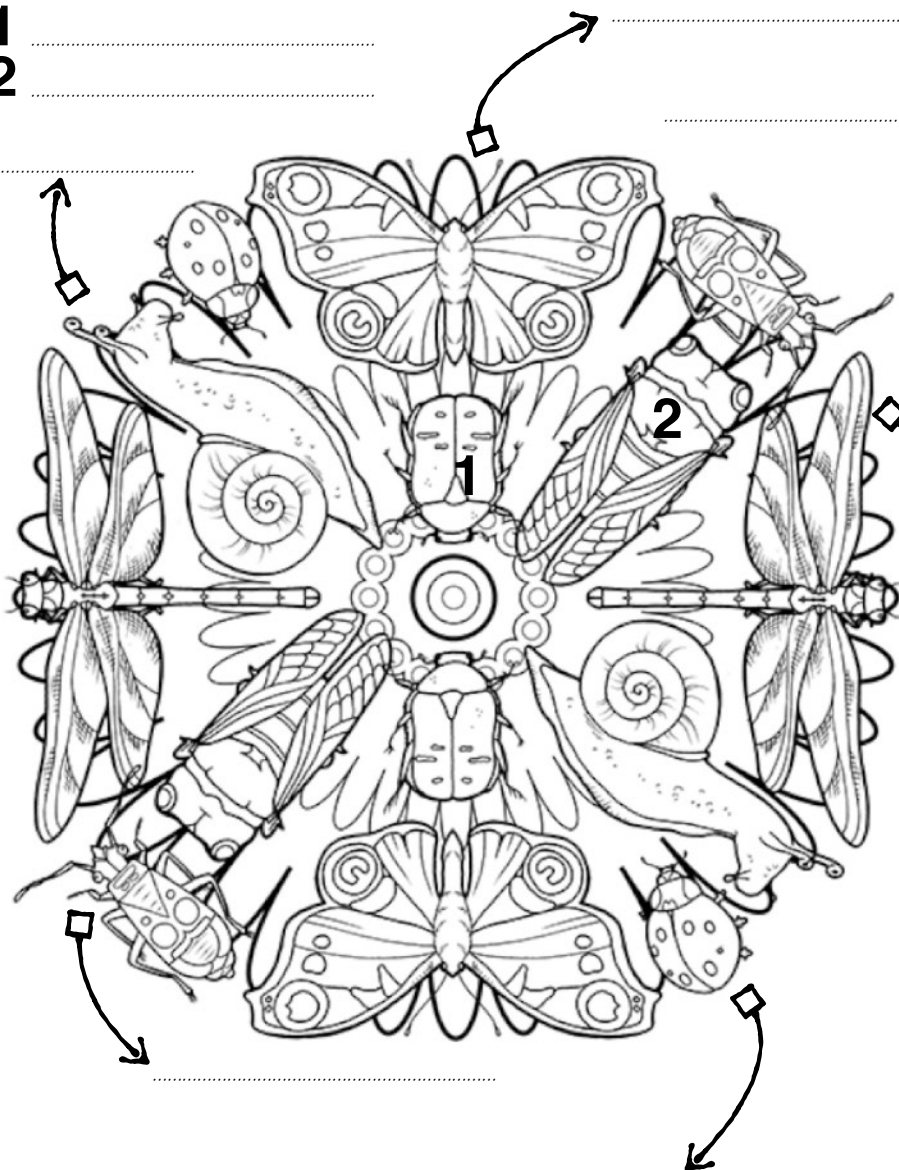
Challenge : What colour is this little critter ?

In the drawing below, there are different little critters. Your mission is to give them the right colours, the real colours they have when you see them in your garden (if you can't find them, you can always look in a book or on the internet). Make sure to also write their name next to the arrow (or number) !

Finished ?
Tick the box !

☐ Done :)

1
2



Challenge : I like to doodle !



Little drawings done with only one colour, such as the ones you can see in this passport, are called 'doodles'. They are very easy to make, you just need one pencil.

Why don't you try doodling too ? Use the space below to draw little animals and plants, and when you run out of space you can even decorate the rest of the passport with them ! Here are a few examples of what you can do :



Finished ?
Tick the box !
☐ Done :)

Now it is your turn !
Fill up this page with
doodles !

Challenge : A detective for Strange Trees

Trees grow into different shapes, depending on their environment. Sometimes they can grow together and hug their neighbour ; sometimes they grow almost horizontally... other times, they even grow around signs !

Your job is to find one of each type of tree that are pictured below. Go for a walk with your parents and a camera and take a picture each time you find a tree that corresponds to one of the drawings. Then glue the pictures over the drawings.



Finished ?
Tick the box !
☐ Done :)



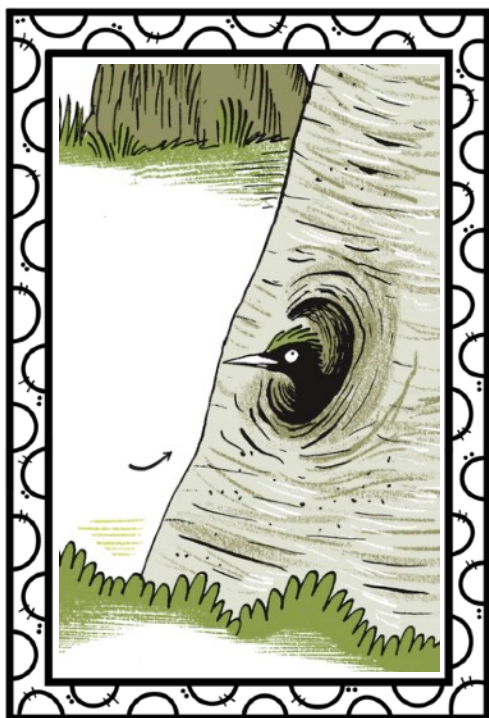
A huge tree (so big your hands can't touch when you give it a hug !)



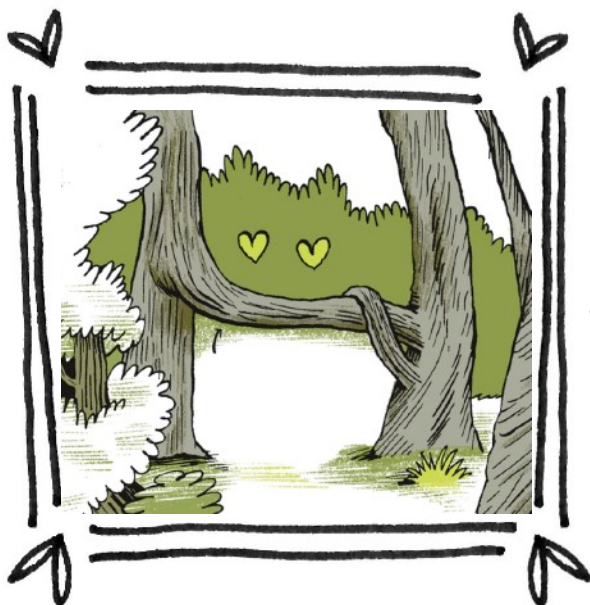
A tree that grows 2 parallel branches from one trunk (like a diapason)



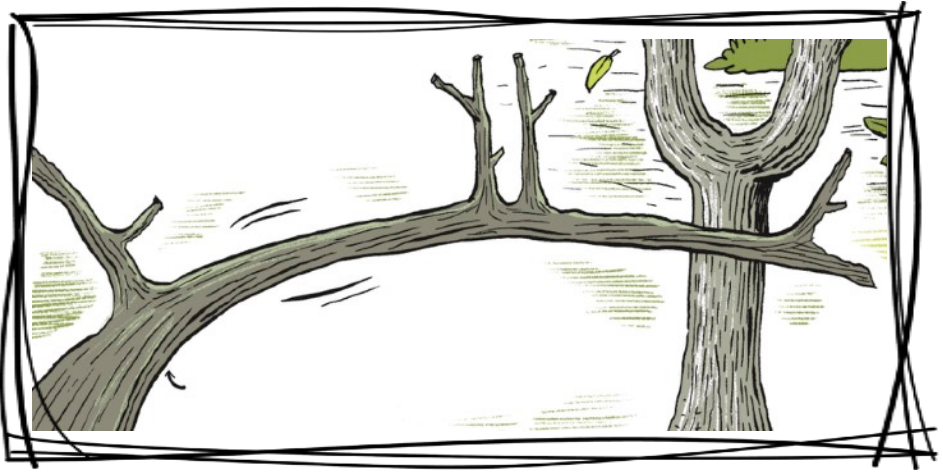
A tree that eats signs !



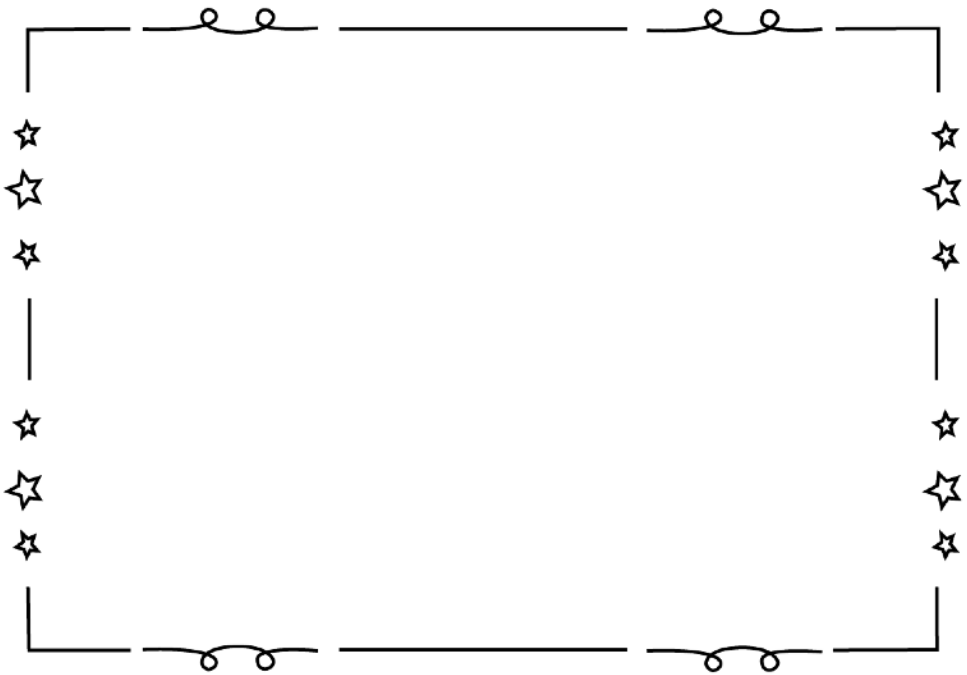
A tree with a hole in it



Trees in love (one branch gives a hug to its neighbour – or the two trees are growing around each other)



A tree that is almost parallel to the ground



And finally a picture of you and your favorite tree !

Challenge : A carrot can be eaten twice !

When we eat carrots, we usually discard the top, the leaves and the very top part of the root. But what if I told you that this top part could grow again into a new carrot?

Finished ?
Tick the box !
☐ Done :)

The next time your family has carrots for lunch, help your mom prepare the veggies.

1. Cut the top of the carrots, leaving about 1cm of root under the leaves (yes, the orange part is the root !).
2. Put this top part in a small plate, leaves on top.
3. Add a little water around it, just so that the bottom of the carrot stays wet.
4. Place the dish on a sunny windowsill.
5. Change the water everyday. Within a week your carrot will start sprouting roots !
6. Plant the carrots with their new roots in potting soil once the roots have grown a little. Keep watering daily (not too much !) and your carrot will grow !

Carrot top ready
to grow !



You can re-grow plenty more veggies and plants !



Avocado



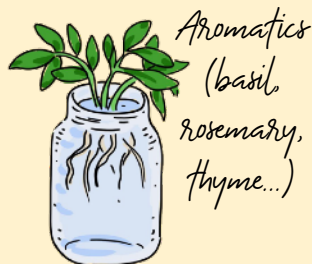
Onions



Celery, Salad,
Cabbage



Pineapple



Aromatics
(basil,
rosemary,
thyme...)

All of these just need a little water and they will re-grow ! Always make sure to keep the part where the roots can grow, and follow the same steps you have done for your carrot tops. Good luck with your veggie garden !

Reduce, Reuse, Recycle

Before we begin, apart from the fun, **why are we doing this?**

This passport is all about understanding and playing with the natural world, in order to better protect it. Some of the activities use the concept of the 3R (Reduce, Reuse, Recycle) to encourage small actions at home to have a lesser impact on our planet.

What are the 3R?

Reducing is cutting back on the amount of trash we make, **reusing** is finding a new way to use trash so that we don't have to throw it out, and **recycling** is using trash to remake new goods that can be sold again.



Why do we use the 3R?

Why should we use the 3R? It's not like we need to worry about what happens to our trash after we put it in the trashcan, right? Wrong! Think about how much you toss out each day. If you multiply that by the 6.7 billion people on our planet... That's a lot of trash! Our landfills can only hold so much garbage. If we keep producing so much waste, we'll run out of room. Using the 3R will help us cut back the amount of trash we throw away.

Reducing

Reducing is simply creating less waste. It's also the best method for keeping our earth clean. Why? Because it stops the problem at the source. By making less waste in the first place, there's less mess to clean up.



Reusing

Reusing is taking old items that you might consider throwing away and finding a new use for them. Reusing helps in situations where it isn't possible to reduce.



Recycling

Recycling is changing old products into new ones so they can be resold. They may be changed in to new bottles or cans, or they could be changed into things like bicycles or asphalt. Recycled materials are glass, paper, plastic, and aluminum for example.

