Teacher's Notes

WE NEED SOIL

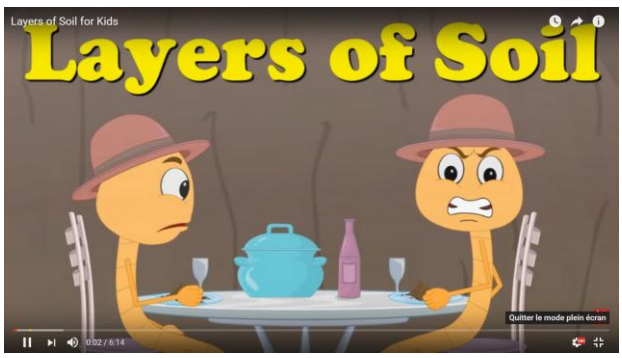
PRE-READING:

ACTIVITY 1

PREPARATION:

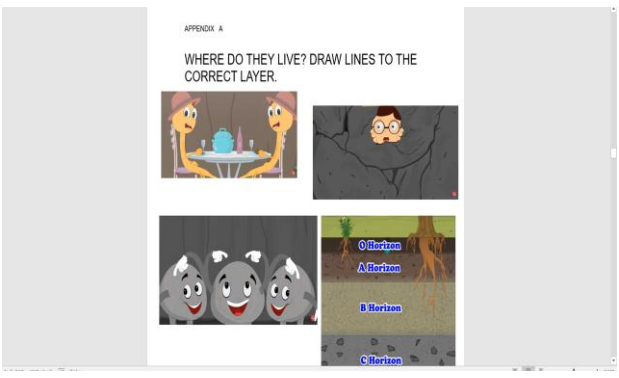
- Fix the internet connection
- Print and copy Appendix A.
- Put some soil in a plastic bag and bring it to the classroom.
- Ask the students to have a look at it ask some questions such as:
  -What's that?
  -Where can you see it?
  -What colour is it?
  -What's in it?
  -Is it soft or hard?
  -Is it wet or dry?

- Show the video to the students.
- Title : Layers of Soil for Kids
  Link : https://www.youtube.com/watch?v=ysIm7ImsK6c



PRACTICE:

- Hand out Appendix A.
- Ask the students to work on the layers of soil.



WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity will arise their attention and curiosity.
- The activity gives the student to practice three skills: Reading, Speaking and Listening.
- This activity will help auditory and visual learners.

EXTENSION:

- Print out and copy https://www.education.com/download/worksheet/17634/getting-dirty.pdf
- https://www.education.com/download/worksheet/105297/soil-maze.pdf

WHILE-READING:

ACTIVITY 1
Page 4-5-6-7

PREPARATION:

- Prepare flashcards for all the new words.
- Show the students the video.
- Title : Soil formation for kids
  Link : https://www.youtube.com/watch?v=kybPmB1zBUw

PRACTICE:

- Talk about the video.
- Revise the new words by making use of flashcards.
- Read page 4-5-6-7

WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity will arise their attention and curiosity.
- The activity gives the student to practice two skills:Speaking and Listening.
- This activity will help auditory and visual learners.

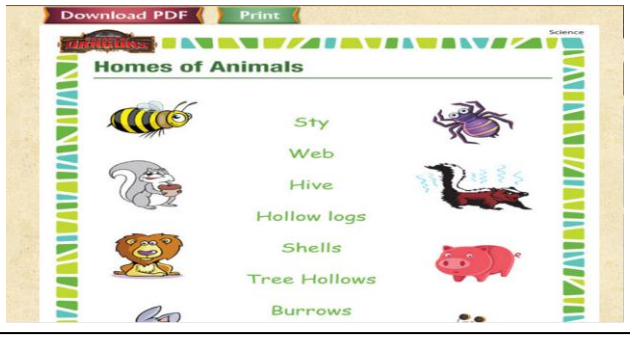
ACTIVITY 2
Page 8-9-10-11

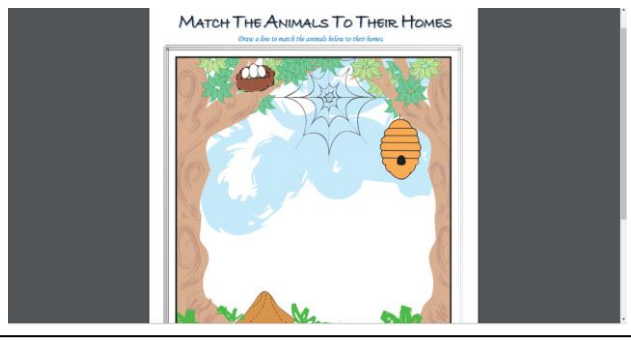
PREPARATION:

- Print and copy the handout from the link given below.
- Print and copy Appendix B.
- Prepare flashcards for all the new words.
- Bring photos of your house.
- Ask students to bring photos of their houses.
- Show the students the video.
- Title : Animals Home Song | Homes of Animals for children | elearnin
  Link : https://www.youtube.com/watch?v=4Blw7Pg8xws

PRACTICE:

- Sing along.
- Revise the new words by making use of flashcards.
- Read page 8-9-10-11
- Show the students the photos of your house and talk about them.
- Ask the students to show and talk about their houses.
- Show the video again and tell the students that the animals also have homes.
- Give the handout downloaded from:
  Link: : http://www.schoolofdragons.com/resources/homes-of-animals-view

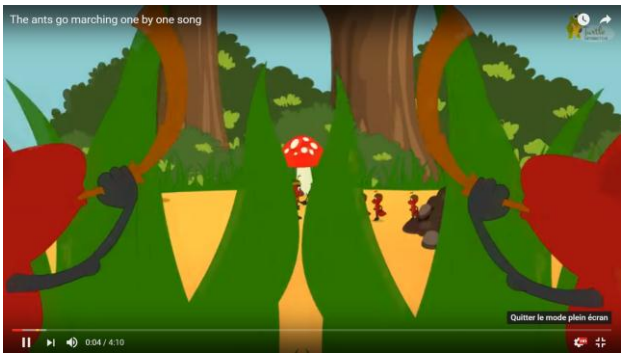




- Show the students the video.
- Title : Herman the Worm - Camp Songs - Kids Songs - Children's Songs by The Learning Station
  Link : https://www.youtube.com/watch?v=0-rg7EIt1x4

- Sing along.
- Show the students the video.
- Title : Worms Are Wonderful
  Link : https://www.youtube.com/watch?v=l-zc_1vjLnI&t=2s

- Sing along.
- Talk about the earthworms.
- Hand out Appendix B and complete the interview in class.



- Sing along.
- Show the students the video.
- Title : Learn from Ants - Purploon Kids Stories
  Link : https://www.youtube.com/watch?v=uEbrbYKshE4

- Sing along.
- Talk about the ants.

WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice all skills: Reading, Writing , Speaking and Listening.
- This activity will work with visual, auditory and kinesthetic learners.

EXTENSION:

- Go to the school yard , ask the students to look for ants and eathworms.

ACTIVITY 3
Page 12-13

PREPARATION:

- Prepare flashcards for all the new words.
- Buy and bring some seeds or seedlings.
- Make the arrangements for planting in the school yard.
- Show the students the video.
- Title : The Planting Song - Earth Day Song for Children from Mother Goose Club
  Link : https://www.youtube.com/watch?v=a44NFSiIn54

PRACTICE:

- Sing along and do the TPR activities.
- Revise the new words by making use of flashcards.
- Read page 12-13
- Go to the yard and plant the seeds or seedlings with your students.

EXTENSION:

- Watch the video and do the worksheet 'The Lucky Seed'
  Link:http://learnenglishkids.britishcouncil.org/en/search/apachesolr_search/seed

WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice two skills: Speaking and Listening.
- This activity will work with visual, auditory and kinesthetic learners.
- This activity will help the students to understand how plants grow .

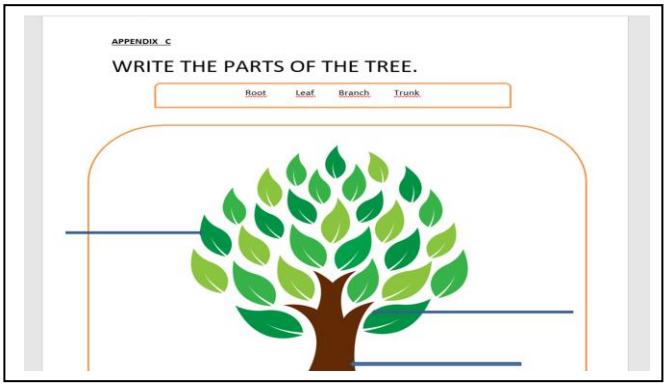
ACTIVITY 4
Page 14-15

PREPARATION:

- Prepare flashcards for all the new words.
- Print and copy Appendix C.
- Show the students a Picture of a tree.
- Ask questions such as:
  -What's this?
  -Is it small?
  -Is it big?
- Talk about the parts of the tree.
- Show the video.
- Title : Head Shoulders Knees and Toes for Trees!
  Link : https://www.youtube.com/watch?v=FJqy967xs1c

PRACTICE:

- Sing along .
- Revise the new words by making use of flashcards.
- Read page 14-15
- Hand out Appendix C. Ask the students to write the parts of the tree.



- Tell the students that trees differ in different seasons
- Practice seasons.
- Show the video.
- Title : Seasons Song Video
  Link : https://www.youtube.com/watch?v=8ZjpI6fgYSY

- Sing along.
- Hand out Appendix D. Ask the students to write the parts of the tree.

EXTENSION:

- Show the video Time: "Four Seasons," The Seasons of the Year by StoryBots

Link: https://www.youtube.com/watch?v=NavWWM2iTEw

WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice all skills: Reading, Writing, Speaking and Listening.
- This activity will work with visual, auditory and kinesthetic learners.

ACTIVITY 5
Page 16-17-18-19

PREPARATION:

- Prepare flashcards for all the new words.
- Bring various vegetables and fruits to the classroom.
- Ask questions such as:
  -What's this?
  -Is it small?

-Is it big?
-What colour is it?
-Where does it grow?
-Does it grow on the ground or underground?

- Show the video.
- Title : Nature Facts - Why Do Plants Have Roots - TellMeWhy Educational Lessons
  Link : https://www.youtube.com/watch?v=q2I_uCA3N6Q

PRACTICE:

- Revise the new words by making use of flashcards.
- Read page 16-17-18-19
- Title : What are Root Vegetables | Fun & Learn | Magical Rhymes for Kids | English
  Link : https://www.youtube.com/watch?v=q2I_uCA3N6Q

- Sing along.

EXTENSION:

- Show the video Learn Fruits and Vegetables for Kids : The Beetroot and its other versions with different vegetables and fruits

Link: https://www.youtube.com/watch?v=IMrsxC9m6O8

WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice two skills: Speaking and Listening.
- This activity will work with visual and auditory learners.

ACTIVITY 6
Page 20-21-22-23

PREPARATION:

- Prepare flashcards for all the new words.
- Bring various vegetable and fruit peelings, banana skins leftovers and to the classroom.
- Ask questions such as:
  -What are these?
  -What can we do with these?
  -Do we put them in the bin or do we save them?
- Show the video.
- Title : Composting for Kids With Peppa Pig
  Link : https://www.youtube.com/watch?v=8PElbErayZg

PRACTICE:

- Talk about the video and composting.
- Read page 20 -21-22-23

EXTENSION:

- Show the video Composting for Kids

Link: https://www.youtube.com/watch?v=dRXNo7Ieky8

WHY SHOULD I DO THIS ACTIVITY?

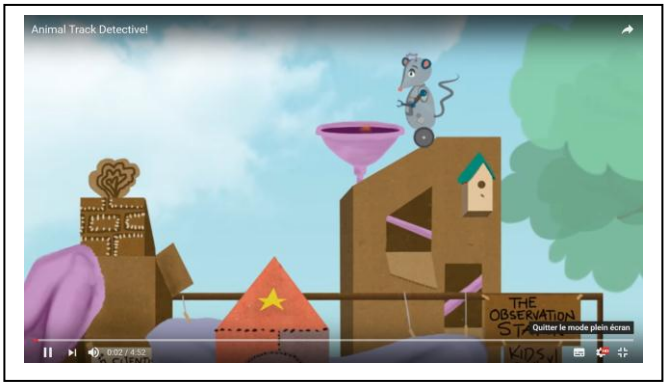
- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice two skills: Speaking and Listening.
- This activity will work with visual and auditory learners.

ACTIVITY 7
Page 24-25-26-27

PREPARATION:

- Prepare flashcards for all the new words.
- Bring finger paints and a cardboard to the classroom.

- Bring various objects to the classroom.
- Ask questions such as:
  -What is this?
  -Is it hard / soft / moist etc… ?
- Tell them what 'footprints' and 'fingerprints' are.
- Title : Animal Track Detective!
  Link : https://www.youtube.com/watch?v=Xz02S-CizAU



- Title : Fingerprints | Wonderful World of Science | JellyTelly
  Link : https://www.youtube.com/watch?v=DpoOU83HmFA

- Read page 20 -21-22-23
- Take the cardboard and put it the teachers desk. Ask the students to come one by one and make two fingerprints following each other with the fingerpaints and write his/her name below it. Then, when it is dry; draw some lines for the legs and antennas of the ants and complete your 'ANTS OF THE CLASSROOM' Project.

EXTENSION:

- Show the video 'How To Make Easy Fingerprint Art for Kids'

Link: https://www.youtube.com/watch?v=yEeaeDnI_Sc

WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice three skills: Speaking and Listening and writing.
- This activity will work with visual, auditory and kinesthetic learners.

ACTIVITY 8
Page 28-29

PREPARATION:

- Prepare flashcards for all the new words.
- Bring clay, pottery to the classroom.
- Ask questions such as:
  -What is this?
  -What iş it used for ?
- Title : Making a Simple Animal out of Clay
  Link : https://www.youtube.com/watch?v=ocAc--CQdPw

PRACTICE:

- Read page 28-29
- Talk about how we use soil.

EXTENSION:

- Go to the pottery workshop either outside or at your school (if you have one) and let the students make some craft with clay.

WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice two skills: Speaking and Listening.
- This activity will work with visual, auditory and kinesthetic learners.

ACTIVITY 9
Page 30-31

PREPARATION:

- Prepare flashcards for all the new words.
- Bring a jar, some soil to the classroom.
- Title : Loamy soils contain sand, clay and humus | Types of Soil | Biology
  Link : https://www.youtube.com/watch?v=7V5qUusgYLw

- Read page 30-31
- Do the same experiment with a jar and some soil in the classroom.

EXTENSION:

- Show the video 'What's the Dirt on……Dirt'

Link: https://www.youtube.com/watch?v=if29mjcd5bc

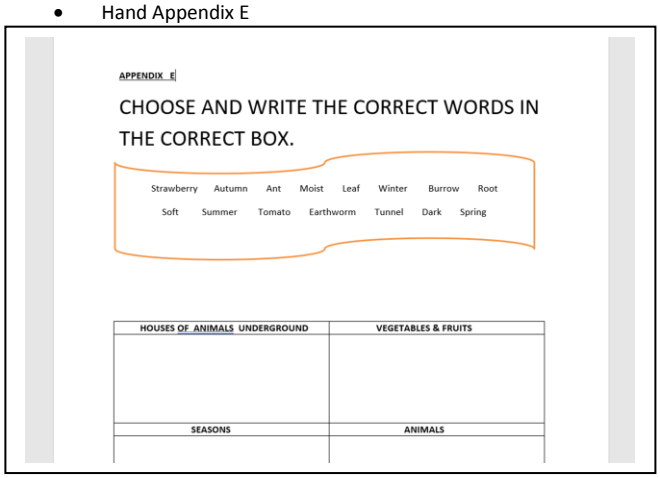
WHY SHOULD I DO THIS ACTIVITY?

- It will be a great opportunity to revise vocabulary and learn some extra.
- The activity gives the student to practice two skills: Speaking and Listening.
- This activity will work with visual, auditory and kinesthetic learners.

POST-READING:

ASSESMENT:

- Hand Appendix E



APPENDIX E

CHOOSE AND WRITE THE CORRECT WORDS IN THE CORRECT BOX.

Strawberry Autumn Ant Moist Leaf Winter Burrow Root Soft Summer Tomato Earthworm Tunnel Dark Spring

HOUSES OF ANIMALS UNDERGROUND	VEGETABLES & FRUITS
SEASONS	**ANIMALS**

PROJECTS:

OPTION # 1
Video about the layers of the soil

Make a video about the layers of the soil by referring to Page 30-31.

OPTION # 2
Make your own compost

Make your own compost by keeping the vegetable and fruits peelings, skins and leftovers.

OPTION # 3
Make an object out of soil

Make an object using clay.

OPTION # 4
Make your own class garden at school

Plant flowers and seedlings in your little class garden at school.

OPTION # 5
Make a big Seasons poster for your classroom

Make a big seasons poster fort he bullettin board by usuing real objects like real leaves, clothes etc.

OPTION # 6
Up and down 1

Make a big poster fort he bullettin board where you show the animals that live on the ground and underground.

OPTION # 7
Up and down 2

Make a big poster fort he bullettin board where you show the vegetables and fruits that grow on the ground and underground.

OPTION # 8
Making Big Story Books

Get the students draw the scenes from the story, write and make a story book on the walls or make a big story book with their illustrations and read it in class.

OPTION # 9
Me in the garden

Ask the students to draw themselves in the garden and write about their planting experiences.

OPTION # 10
Different colours of soil

Make a project about different colors of soil. Where can you find different coloured soil? Why? Collect some samples if possible.

SUGGESTIONS:

- Visit the websites below for more online activities and ideas;

http://www.soils4kids.org/

http://easyscienceforkids.com/all-about-soil/

www.education.com

http://www.bbc.co.uk/bitesize/ks2/science/

https://ecokids.ca/play/earthplay

http://www.dkfindout.com/us/search/soil/

http://www.cbc.ca/kidscbc2/search/94a96b80ec69fec53acd47af5b20c490/

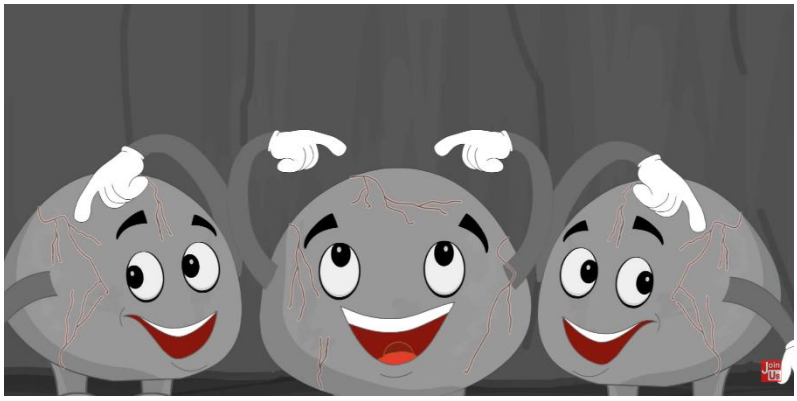
http://climatekids.nasa.gov/search/soil/

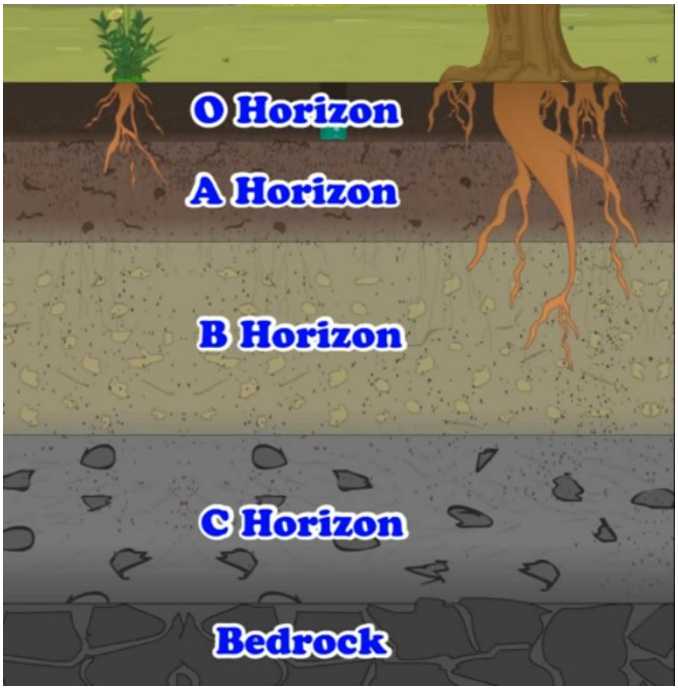
- Make a school trip to;
    - Nezahat Gökyiğit Botanical Garden
      http://www.ngbb.org.tr/tr/
    - Atatürk Arboretum

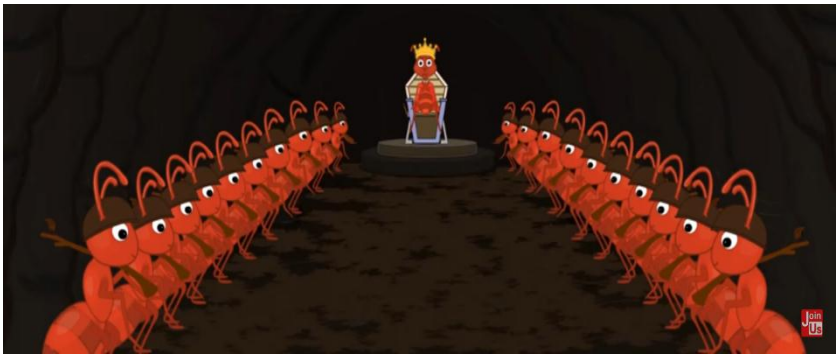
- Watch ;
    - My Home is Green | Award Winning Animation Movie In English

APPENDIX A

WHERE DO THEY LIVE? DRAW LINES TO THE CORRECT LAYER.

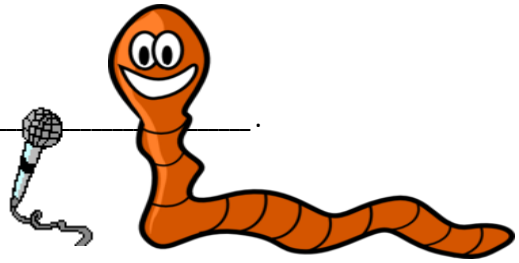






APPENDIX B

INTERVIEW AN EARTHWORM. FILL IN THE BLANKS.



_____ : Hello Earthworm !

_____: Hello _____ .

_____ :How are you?

_____ : I am fine thank you, and you?

_____: I _____.

_____ : Earthworm, may I ask you some questions?

_____: Yes, of course. Let's start !

_____ : What's your name?

_____ : My _____ .

_____ : What is your favourite colour?

_____ : My favourite _____ .

_____ : Who is your favourite singer?

_____ : My _____ .

_____ : What is your favourite sport?

_____ : My _____ .

_____: Where do you live?

_____ : I live _____ .

_____ : What do you eat?

_____ : I eat_____ .

_____: Who are your neighbours?

_____ : I live _____ .

_____ : Thank you Earthworm.

_____: You're welcome _____.

_____: See you soon.

_____ : See _____ .

APPENDIX C

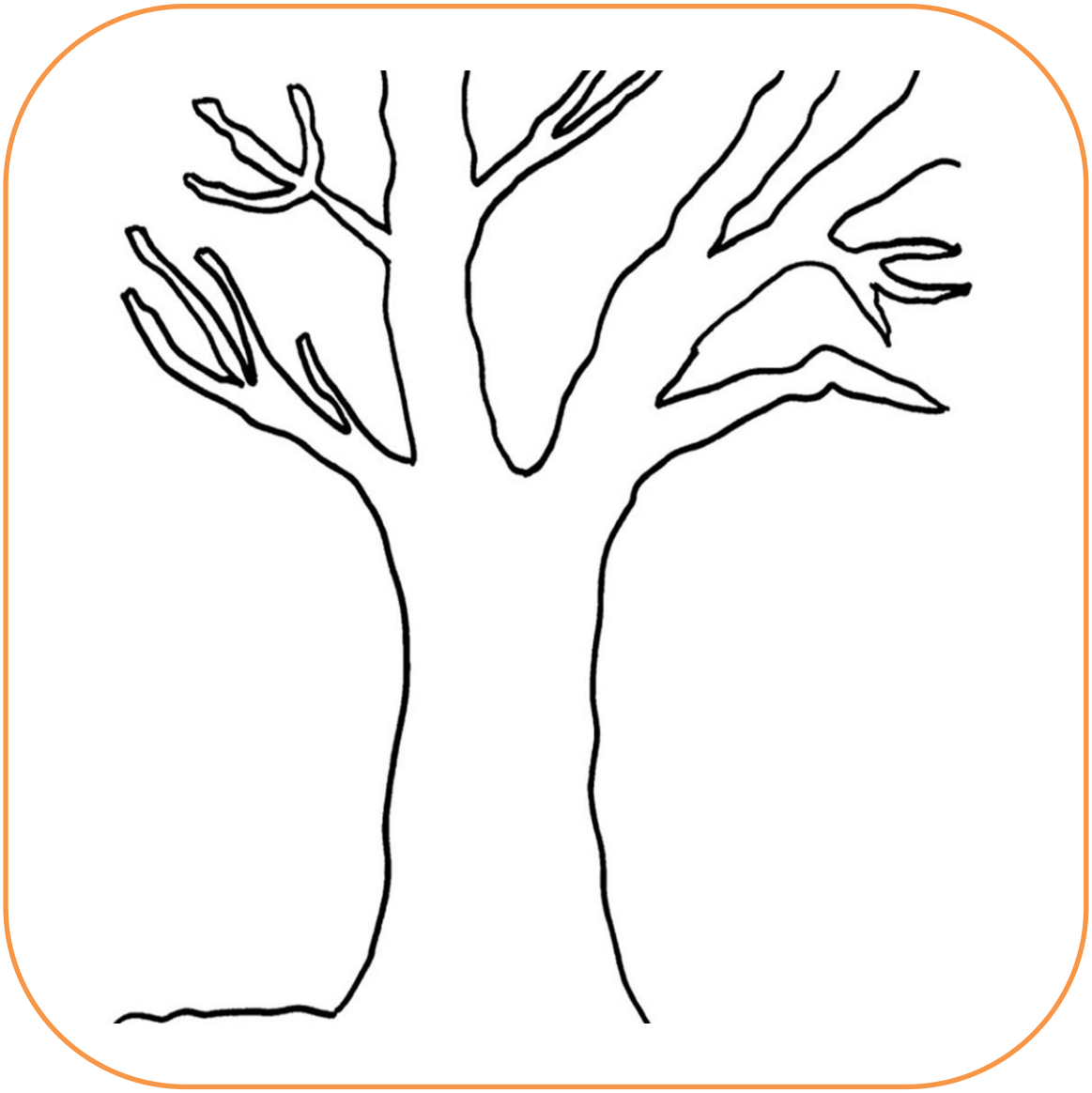
WRITE THE PARTS OF THE TREE.

Root Leaf Branch Trunk

APPENDIX D

WRITE YOUR FAVOURITE SEASON AND DRAW AND COLOUR THE TREE IN THAT SEASON.

My favourite season is _____ .



APPENDIX E

CHOOSE AND WRITE THE CORRECT WORDS IN THE CORRECT BOX.

Strawberry Autumn Ant Moist Leaf Winter Burrow Root

Soft Summer Tomato Earthworm Tunnel Dark Spring

HOMES OF ANIMALS UNDERGROUND	VEGETABLES & FRUITS
SEASONS	**ANIMALS**
THE SOIL IS….	**PARTS OF A TREE**

VOCABULARY LIST FOR FLASHCARDS

Soil

Layer

Underground

Earth

Dig

Hole

Moist

Dark

Ant

Earthworm

Burrow

Tunnel

Plant

Tree

Root

Big

Strong

Crop

Grow

Tomato

Strawberry

Carrot

Potato

Vegetable

Fruit

Apple

Drop onto

Leaf/leaves

Autumn/Fall

Spring

Winter

Summer

Bare feet

Footprints

Fingerprints

World

Dye

Clothes

Skin

Make pottery

Clay

Build

House

Trunk

Branch

Flower

On

In

Under