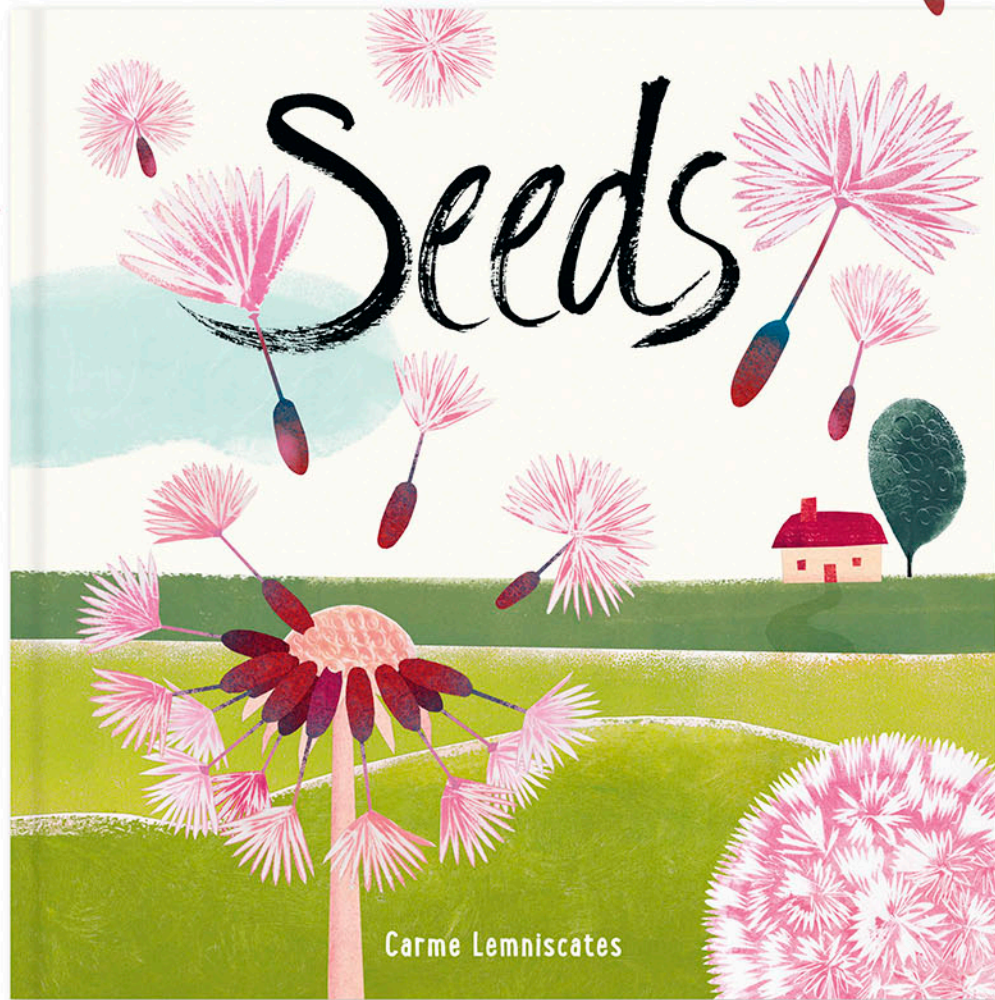


Classroom Guide
on the picture book *Seeds*,
by Carme Lemniscates
Candlewick Studio, 2020



This home and classroom guide has been created for children in kindergarten through first grade. Parents and teachers could adapt the different activities to fit abilities and needs.

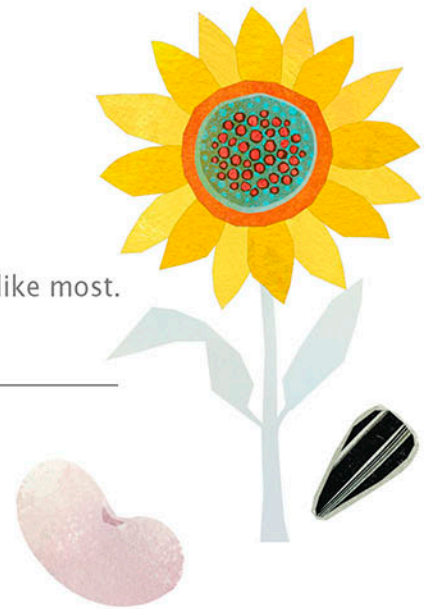
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SEEDS - spread 1:

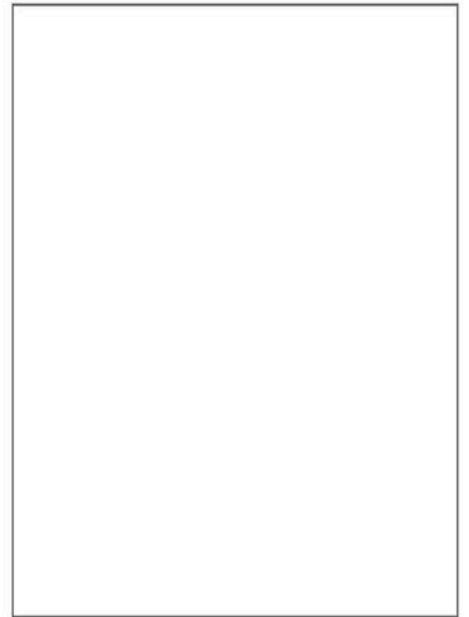
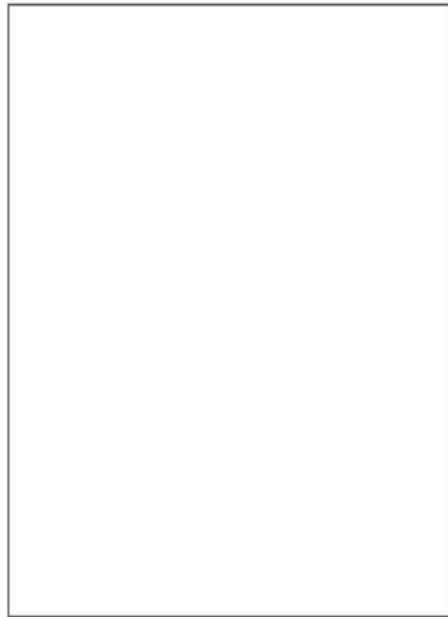
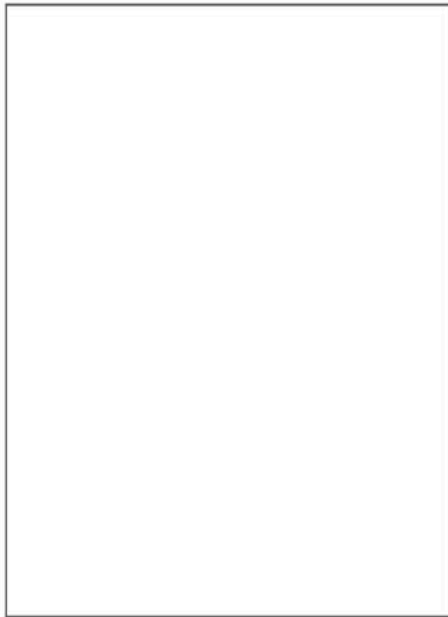
ACTIVITY 1

- Think about the sentence: "Seeds carry the power of life."
Discuss with others what this means to you.
- Look for information about sunflowers. Express in one sentence what you like most.



ACTIVITY 2

- Get three different kinds of seeds. One of them should be a bean.
- Do some research about their origins. What plants do they come from?
- Make a sketch of each plant and label them.



ACTIVITY 3

- Get a small, empty, transparent plastic bottle. Cut it in half all around and use the bottom part as a recipient. Make a few holes at the base to have some drainage.
- Fill it up with topsoil or if this is difficult for you to find, with absorbent cotton.
- Plant the bean seed on one side next to the transparent recipient, so you will be able to see how it develops.
- Keep the recipient in a place where it has sunlight, watering it a bit.
- And be patient... In two or three weeks you will be able to see if something happens to your seed!



SEEDS - spread 2:



ACTIVITY 1

- The flower of the spread illustration is a Dandelion.
Look for information about this plant at Wikipedia.org
- Could you tell the origin of the name “Dandelion” and its meaning?

ACTIVITY 2

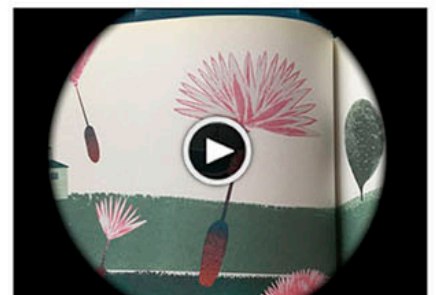
- Make a drawing of the two different phases of this flower, before seeds take off.
- Why do you think seeds sometimes need to travel in order to find a place to grow?
- Do you think the same is true for some people? Discuss with others if you know of somebody who has traveled distant lands to find a better place to live, or to study, or maybe to work.

Dandelion fresh flower

Dandelion dry flower

ACTIVITY 3

- Have a look at this video-tutorial and learn how to make a handmade video. You will only need a notebook and some pencils!
The video is available in English and in Spanish.
https://www.lemniscates.com/Schoolact_3.html





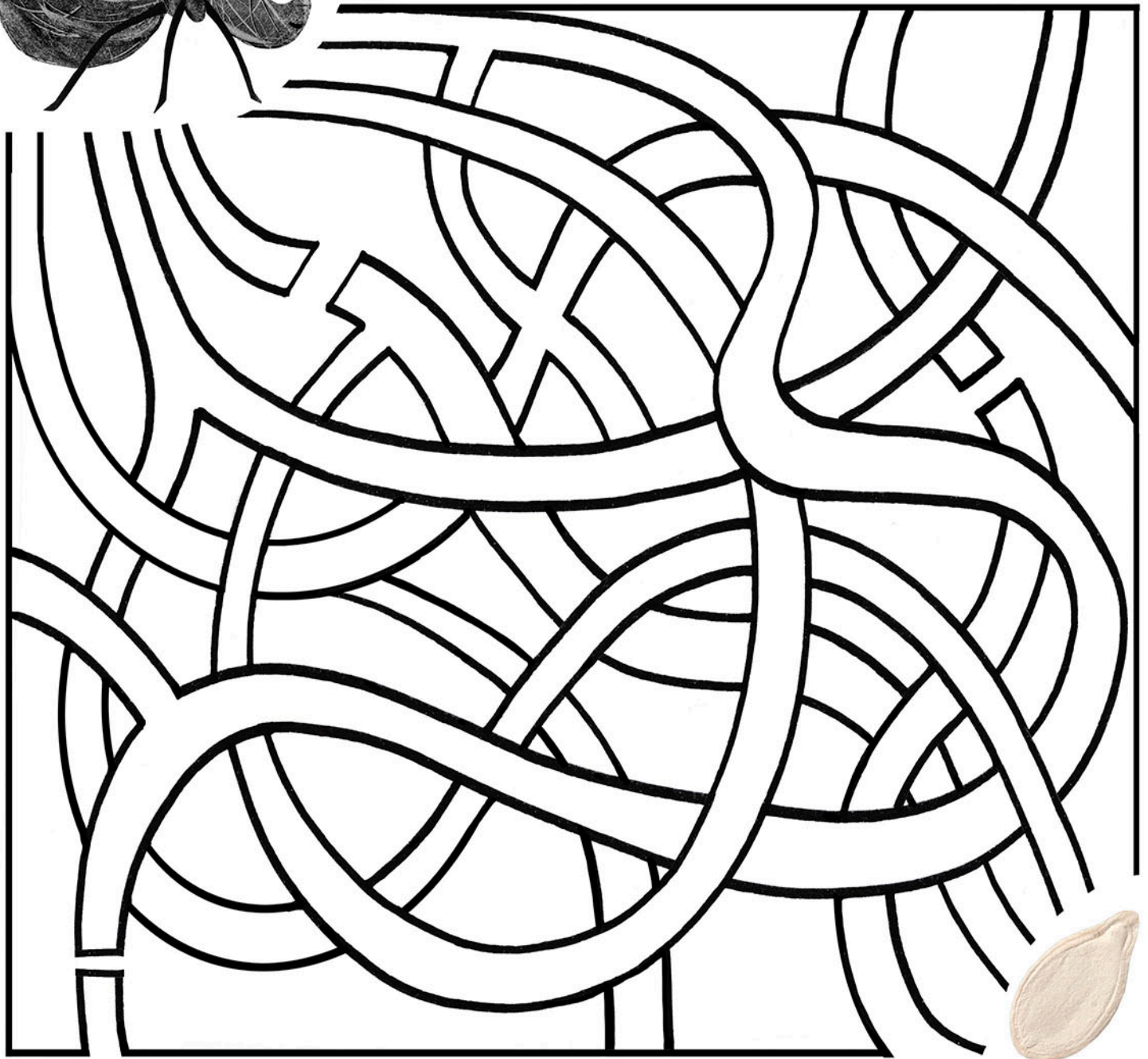
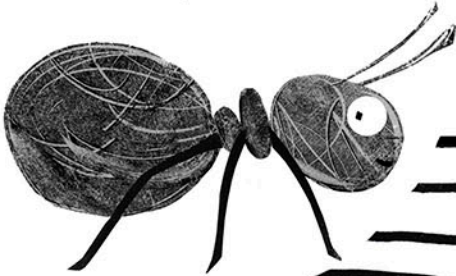
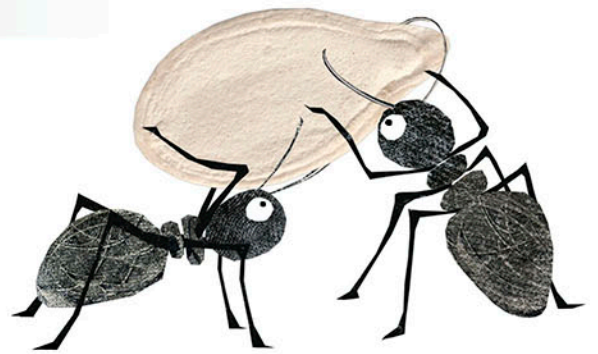
SEEDS - spread 3:

ACTIVITY 1

- Looking at spread 6, can you identify, what kind of seed is the one the ants are carrying?

ACTIVITY 2

- Find the path the ant needs to take to get the seed.



SEEDS - spread 4:

ACTIVITY 1

- Compare the first seed stage, at the bottom left of this spread, with the sixth stage on the right. Do seeds need to transform in order to grow? Do you think the same thing happens with humans? Go back to the first activity discussion, and consider whether you see in a different light what the power of life means.



ACTIVITY 2

- Discuss why you think transformation may take time.
- In what way is time represented in this spread illustration?
- Go have a look to see if some transformation has occurred with the bean seed you planted.

ACTIVITY 3

- Cut the fragmented images and reconstruct the illustration of the page on the right.



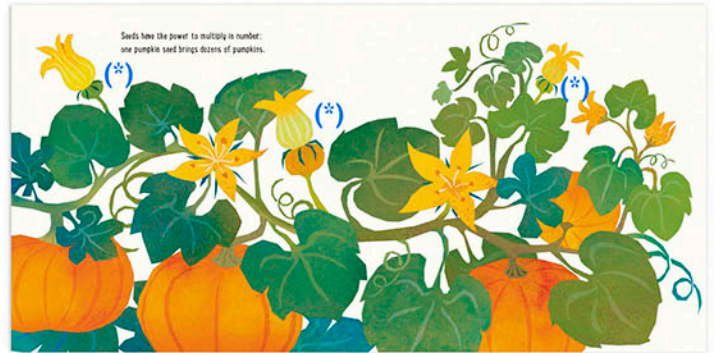
SEEDS - spread 5:

ACTIVITY 1

— Let's do some math now!

The image on this spread is the continuation of spread 4, and we see in this case that the initial seed has brought us, so far, 7 pumpkins: 4 adult pumpkins and 3 little ones that are on their way (*). A healthy adult pumpkin plant could produce more than a dozen pumpkins.

Do you know how many units are in a dozen?



ACTIVITY 2

— Color these pumpkins!



SEEDS - spread 6:



ACTIVITY 1

- After harvest, let's count now how many pumpkins are on spread 6.
- Imagine we open a pumpkin and count how many seeds are inside. Let's estimate it has 2 dozen.
Could you tell how many seeds 1 pumpkin produces?
And then, how many seeds could the total number of pumpkins on spread 6 produce?
- If we estimate that each seed produces 1.5 dozen pumpkins, how many pumpkins do you estimate could grow from this huge number of seeds? Discuss with others what an exponential growth in number means.
- If a single seed has such a power to multiply in number, do you think food should be a problem in the world? Discuss why you think there are still some people suffering from hunger in the world.

ACTIVITY 2

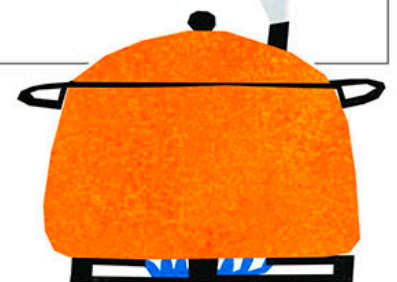
- Do some research and write your own recipe for a delicious pumpkin soup. First create a list of ingredients and then continue with the instructions.

Ingredients:

Instructions:

ACTIVITY 3

- Cook the soup with your family, and enjoy it!

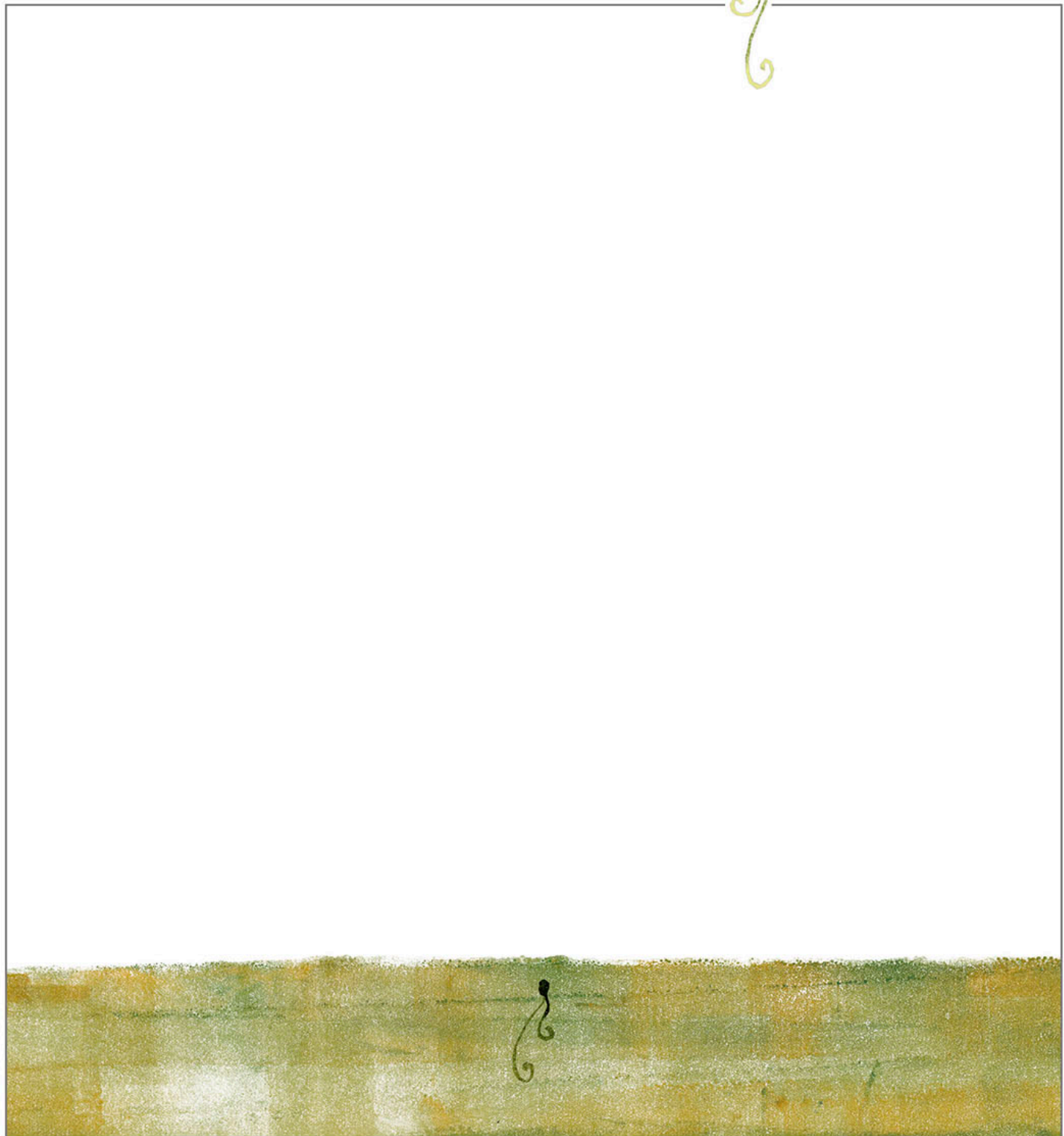


SEEDS - spread 7:



ACTIVITY 1

- Seeds do not only bring us food, they also bring us beauty!
Make a drawing of the most beautiful plant you can imagine
growing from this tiny seed. ↴



SEEDS - spread 8:



ACTIVITY 1

- Have you ever seen a plant growing in a difficult place? Sometimes they do in apparently impossible places! Try to remember, or imagine some instance, and make below a drawing of one example.

ACTIVITY 2

- Do you think this may be possible because seeds carry the power of life? Discuss with others.

SEEDS - spread 9:

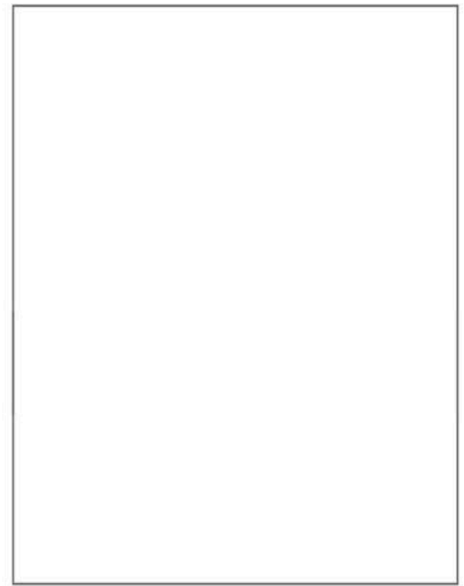
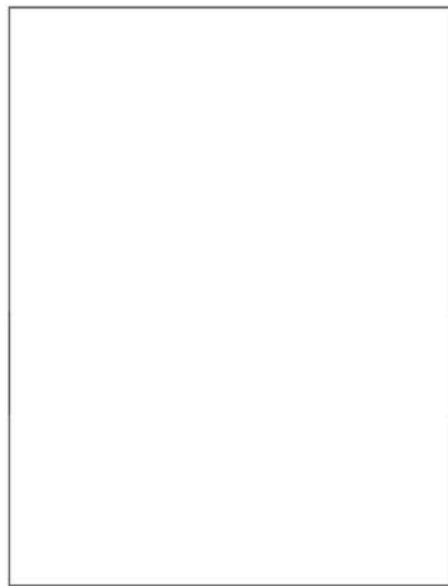
ACTIVITY 1

- Observe this family working in their garden. What are they doing?
- What does the word 'cycle' mean?
- Here we are talking about seeds' life cycle. Could you mention other examples of cyclical events?



ACTIVITY 2

- What elements do you think a seed needs to grow?
- Make a drawing of the three basic elements plants need in order to grow:



ACTIVITY 3

- Let's do a Puzzle!
- Download the PDF activity from this link:
https://www.lemniscates.com/SEEDS_Puzzle.html



SEEDS - spread 10:

ACTIVITY 1

- Look at spread 10: What is the girl on the left doing?
- Do you think the girl on the right would receive her with the same attitude if she weren't smiling?
- Discuss why you think a smile could be also a powerful seed.

ACTIVITY 2

- There are situations that in general involve a smile, for instance when we give or receive a present.

Think about other activities or actions that could be improved with a smile, for instance when we say "hello!" And draw a smiling face.



- Giving and receiving a present

- Saying "hello!"

-

-

-

-

-

Smiling face

ACTIVITY 3

- Write something short describing what is happening in the scene.

SEEDS - spread 11:

ACTIVITY 1

- Look at spread 11 and continue your story describing what is happening in this new image.
What are the girls doing?
Are they sharing what they have?
What is their mood?
What do you think their feelings are?



ACTIVITY 2

- Have a look at the illustration of the next spread (12), and discuss what you think it has happened for the two girls to have gotten angry.



ACTIVITY 3

- Make a drawing representing what you think it has happened between spread 11 and spread 12, that is, an image showing the transition between the two situations.

A large, empty rectangular box intended for a drawing.

SEEDS - spread 12:

ACTIVITY 1

- Observe again this image: Who is wearing the hat now?
- What do you think the two girls are feeling now?
How about the cat?
- Write your notes:



ACTIVITY 2

- Download a PDF activity from this link, to make drawings representing what you imagine could grow from different kinds of seeds: https://www.lemniscates.com/SEEDS_DifferetSeeds.html



SEEDS - spread 13:

ACTIVITY 1

- Observe this image and describe the feelings of the characters.
Do not forget the cat!



ACTIVITY 2

- Have a look at the illustration of the next spread, and discuss what you think has happened for the two girls to have become friends again.

ACTIVITY 3

- Make a drawing representing this; an image showing the transition between the two situations in spreads 13/14.

A large, empty rectangular box with a thin black border, intended for a drawing that represents the transition between the two situations shown in spreads 13 and 14.

SEEDS - spread 14:

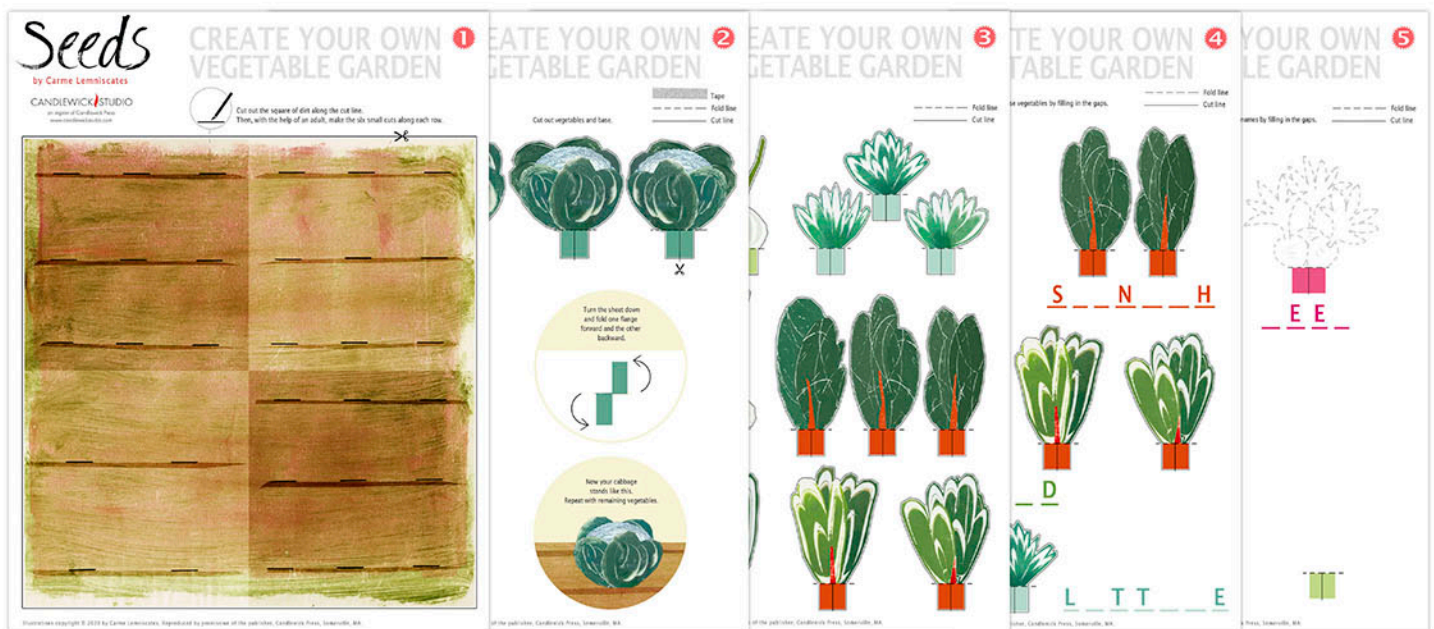
ACTIVITY 1

- This is again an image of harmony.
Write a piece of text describing the feelings of the three characters now. Do you think the two girls have a stronger friendship now? Or rather weak? Discuss why with others.



ACTIVITY 2

- Create your own vegetable garden. Download the PDF activity from this link:
https://www.lemniscates.com/SEEDS_YourOwnGarden.html



ACTIVITY 3

- Go have a look and see if there is any transformation in the bean seed you planted.



ACTIVITY 1

- Looking at spread 15, describe the feelings of the characters in this illustration.
- Write a dialogue between the two girls. What do you think they are saying to each other?
- List a number of qualities, like kindness for instance, which bring children together in friendship.




• Kindness

-
-
-
-
-
-
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ACTIVITY 2

- Color this image:





Hope you have enjoyed
this guide to my book, *Seeds*,
Candlewick Studio, 2020

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