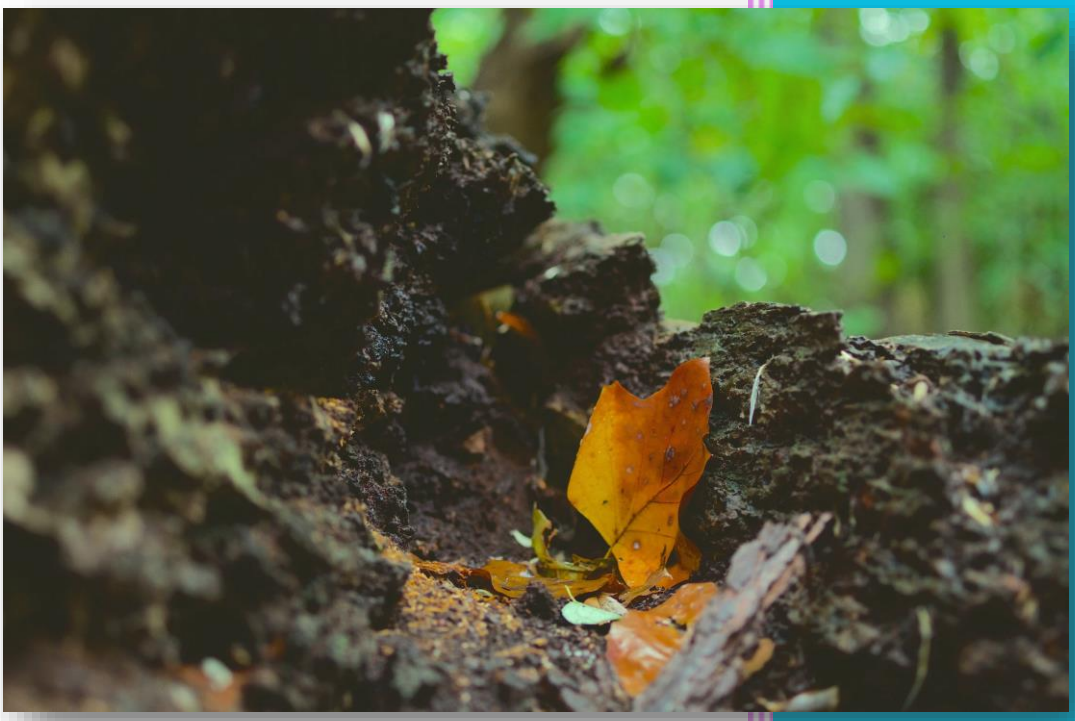
stem4math

# Composting box



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## Engage

Carefully analyse the following images.

**Image 1**

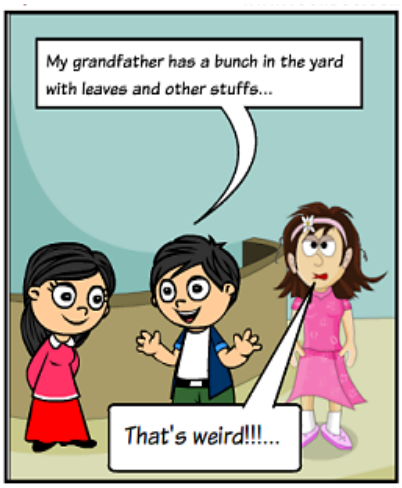


**Image 2**

**If we divide waste we all will win**

1.1- What message is intended to be transmitted by the images?

N.º 1

N.º 2

1.2- What means the message *"If we divide waste we all will win"*?

1.3- Give examples of materials that are separate in your school.

1.4- “My grandfather has a bunch in the yard with leaves and other stuffs.”

Why do you think John’s grandfather does that?

Investigate

2- In your school leaves, food waste and other materials are separate?

2.1- Are there any composter to do that?

2.2- If not, what can you do to compost wastes in your school?

Investigate sites / books and provide reasons to justify your opinion.

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## Plan

Composting is very advantageous for the environment and for its health, so that the compost obtained can be used as fertilizer, as it substantially improves the soil structure.

| Design of the best composting box sparing costs. |
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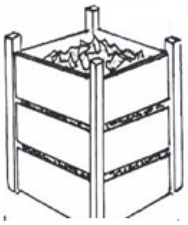
In small groups present the best composting box option.

Research different composting boxes and prices of materials.

Investigate websites, brochures, books ...



## Conclude

In your presentation you should answer, among others, the following questions:

- What will be the best solid (cylindrical, prismatic, ...)?)
- Which materials will be better (wire, wood, ...)?
- Which are the most economical options?

## Create

Now that all the class discussed and reached a conclusion about the best composting box for your school... let's work and improve the environment making your own composting box.

## Report

Now let's evaluate all the work done. Report about positive aspects of this project and the less positive and explain your difficulties during all the process.