

Biodiversity in Eco-school

Gardening in the school with the rain water!



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1) The rain falls.



4) Take a hose and water the garden with recycle water

Garden with rain water!

2) Is collected in gutters



3) Falls into a tank



Garden Hose*= Tuyau
d'arrosage
seeds*= Graine

Wow that's a good idea but it's not too expensive?

The gutters are
already in place!

And the water is
free!

For the plants in our
garden, we just have to
collect the seeds*
when we eat lunch!

For 30€ you
have the
Water
collector=



Water collector

30 €

**And best of all, everything
is purchased on
Leboncoin!**

+

Garden Hose*=
10€



Garden Hose
10 €

Livraison possible

WHERE?

Legend

Water collector:



place:



So this was our project and it is the
End thanks



biodiversity

we are going to present our action to you to have a healthier school
our idea would be to plant flowers to add color and liven it up



in the first part we will
talk about how this is
beneficial for nature and
animals



in the second part
we will talk about
how it can be done



in the third part we will
present its benefits for
the school



1

what would be beneficial would be:



the butterfly trees are beneficial as they serve as a habitat for butterflies.



bee flowers benefit the production of honey but it can also be beneficial for reproduction



2

who would participate in this action ?



the students who participate in the biodiversity club of the school will take care of the maintenance



Atelier biodiversité du collège !



3

what is beneficial for college is:

it brings color and vivacity



VS



the bees therefore produce more honey for us so more sales for our project



Biodiversity

- Make a flower bed ?
- We can present you a flower bed for the school in the grass next to the restaurant



What flowers should we will take for bees ?

- With the pollen of the lavende the bess can produce honey.



When should you plant your plants ?

THESE FLOWER MUST BE PLANTED IN SPRING AFTER THE LAST FROSTS



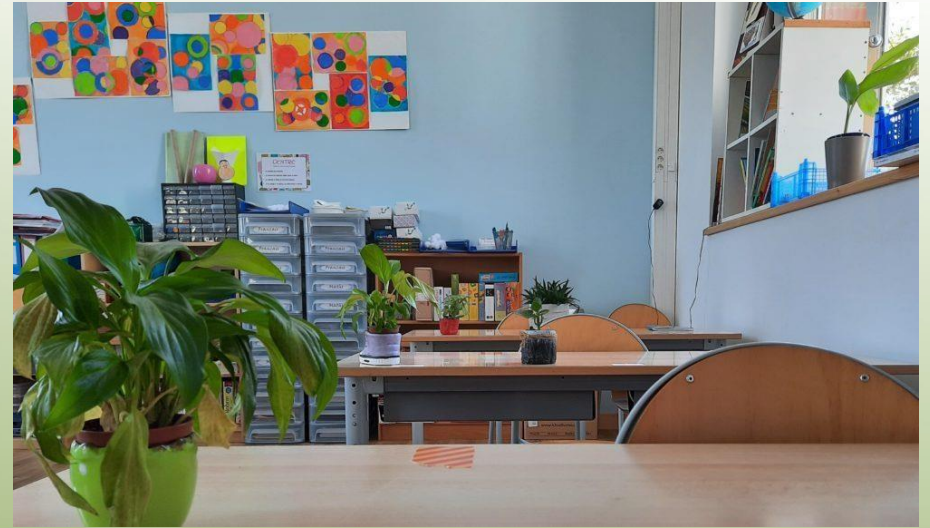
© www.auJardin.info

How to put them in place at the club ?

TO PUT THEM IN PLACE IT IS NECESSARY TO DIG WITH A FORK THEN IT IS NECESSARY TO DIG A HOLE OF APPROXIMATELY 30 CM THEN YOU MUST PUT THE PLANTS IN THE HOLE THEN COVER THE HOLE AND WATER



BIODIVERSITY



It would be necessary to place a plant in each class to reduce the level of dust and carbon dioxide while preventing the growth of pollutants



we must put a composter in the school because it makes an excellent fertilizer and it improves the overall health of the soil



MEDICINAL PLANTS



Medecinal plants could be used to treat such as pulmonary diseases to facilatate digestion or which is effective against coughs,etc

ORGANIC FOOD

We should eat organic food once a week and eat more balanced ☐



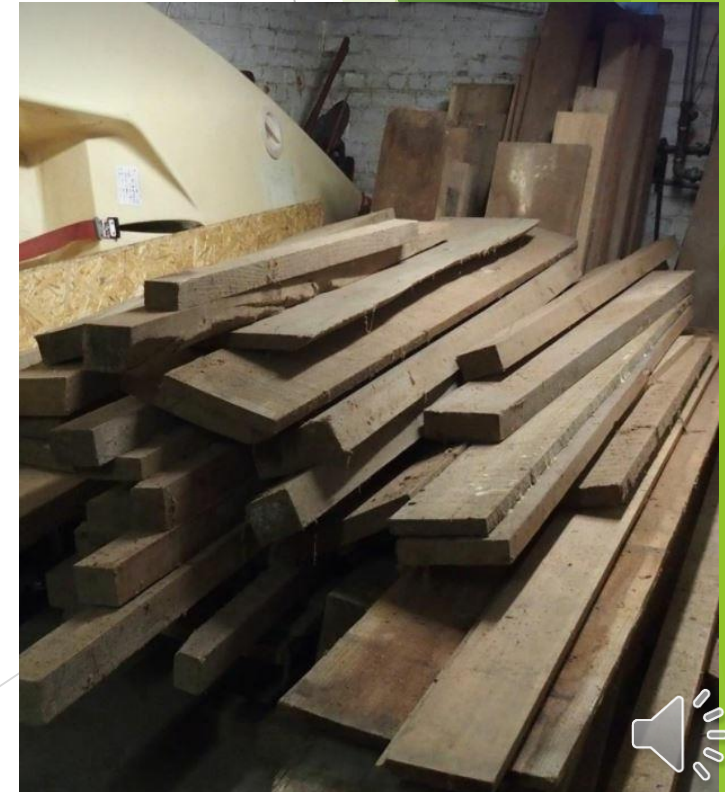
Biodiversity in eco-schools

A composter for the waste in the canteen



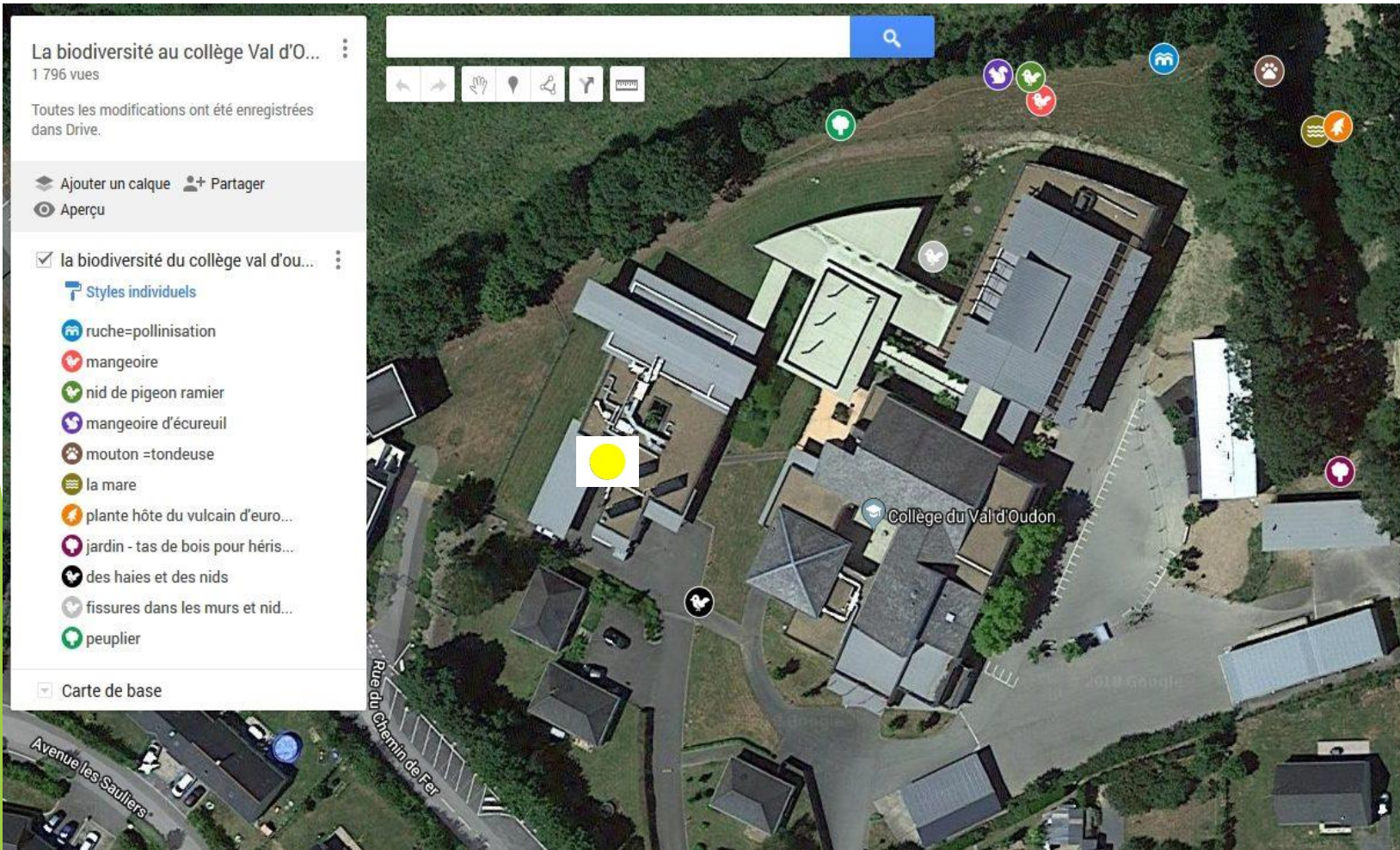
What materials to make composters and why?

We will use wood because it is an organic material. It is used everywhere and for everything.



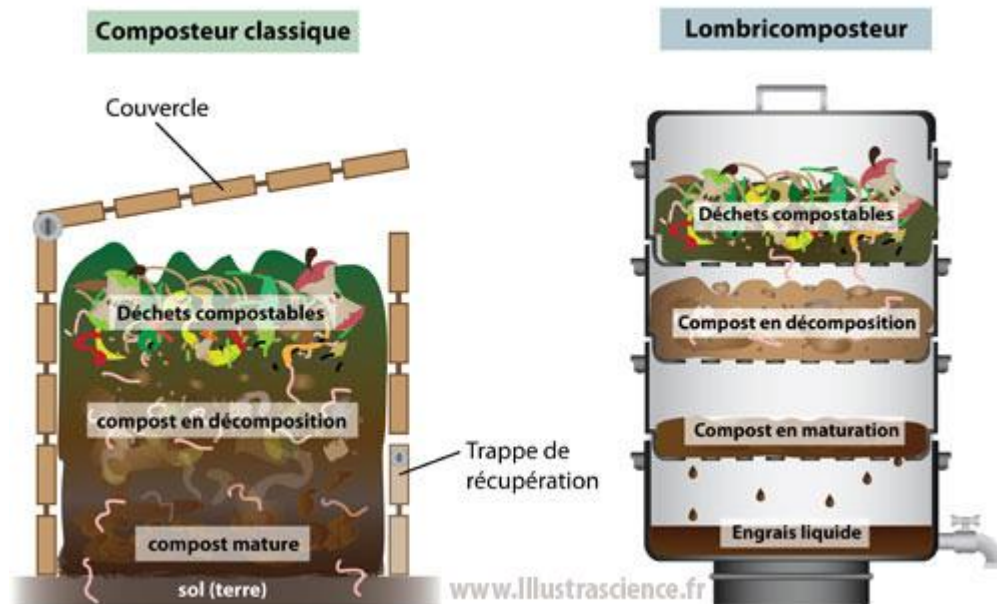
Where will the composter be in the Collège?

The composter will be placed near the canteen and the boiler room. Look at the map



How does a composter work and what is it used for?

- ▶ The composter is intended for organic and mineral residues allowing the fermentation of the latter to obtain compost.
- ▶ Leftover vegetables and fruits, coffee grounds, tea bags and tea leaves, Fresh leaves, Cut grass, Seaweed and Flowers can be put in a composter.



Houses for insects

- These houses would help to protect the biodiversity.
- So we can study insecte in SVT or in the biodiversity's club.



Who takes care of it ?

- We should buy houses for insects in the school and it would be placed by students of biodiversity's club .



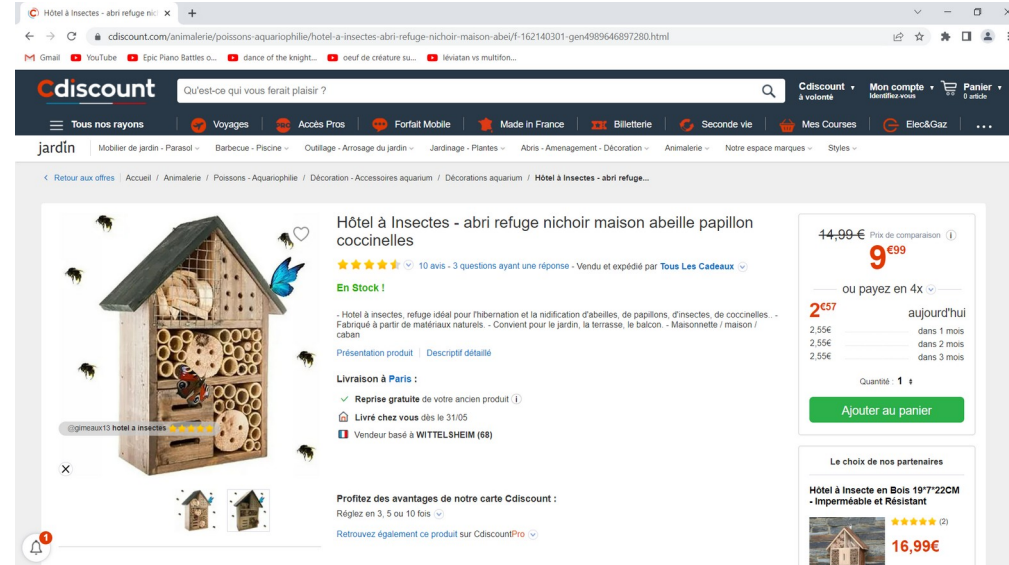
What are the insects houses use for ?

- They are used hibernation, nesting or protect insects.



How much does it cost and where will it placed ?

- It cost 9,99€ per unit on Cdiscount.
- <https://www.cdiscount.com/animalerie/poissons-aquariophilie/hotel-a-insectes-abri-refuge-nichoir-maison-abeil/f-162140301-gen4989646897280.html>
- It should placed on a tree in the pen of the sheep.



The screenshot shows a product page on the Cdiscount website. The product is titled "Hôtel à Insectes - abri refuge nichoir maison abeille papillon coccinelles". The price is displayed as 9,99€, with a comparison price of 14,99€ crossed out. The product has a 4.5-star rating and 10 reviews. The page includes a product image, a "Ajouter au panier" button, and a "Le choix de nos partenaires" section showing a similar product for 16,99€.



Rainwater

What could we do with
rainwater ?

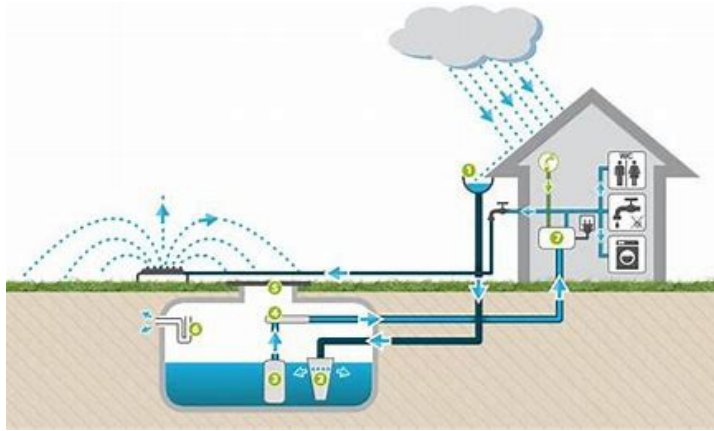
How could we reuse it ?



Store water

We could put tanks of water, to recover and reuse the rainwater.





you could collect rainwater. you just need a water tank.



you will just have to use rainwater to water the vegetation.





In the school



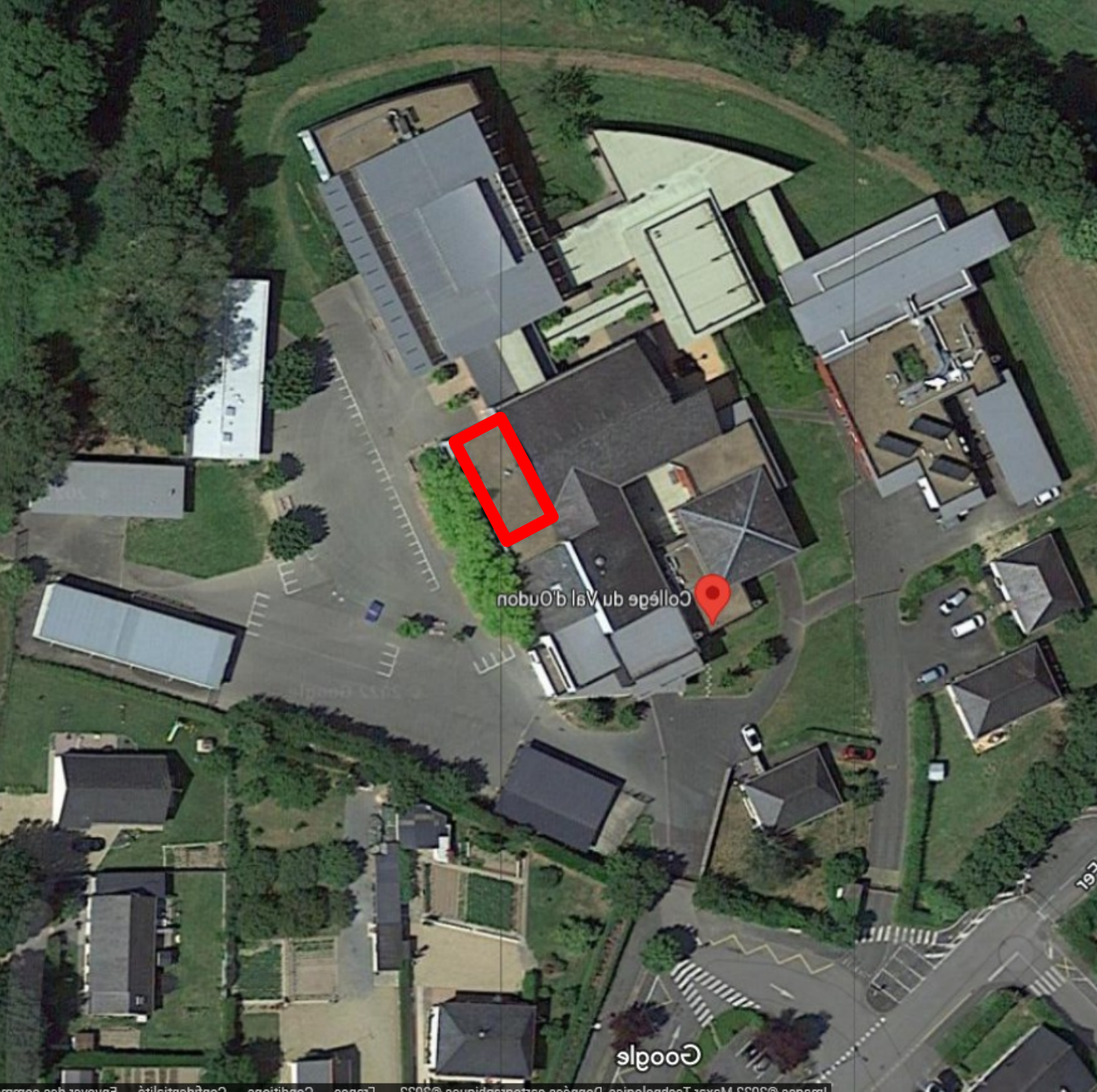
The college could buy watering cans and students could water the flowers and plants of the school's garden.





We are going to present our means to transform our school grounds from a school into an ecoschool.





The greenhouse



We had the idea of a greenhouse to make a vegetable garden inside and then cultivate the canteen's food products.

We will put the greenhouse on the roof of building A1.

A recycled greenhouse



We drink water

We recycle plastic bottles



We sort plastic bottles



We could build this greenhouse using our plastic bottles. It would be more ecofriendly for the planet .



It's good for the earth



We build a greenhouse

The cultivated products

We can cultivate all kinds of fruits and vegetables such as :



Tomatoes
Strawberries



Lettuce



They will be watered every day by the students in turn.

Plant flowers for bees.

What materials do we need and how much money will it take?

•Necessary materials :

•Flower seeds

•Watering cans

•Shovels

•The money required will be around 100-120 euros to plant flowers.



Where to plant the flowers and what is the flowers ?

•The flowers should be planted next to the beehives, near the canteen.



•The flowers for bees are called honey flowers. They are tulips, lavender,...



Who will water the flowers ?

•The biodiversity club should water the flowers after lunch, once a week.



What could they be used for ?



• Thanks to the flowers, there will be more honey to sell.



• Thanks to the sale of honey. Future projects for the school can be imagined.

A garden roof



with



Salad



basil



thyme



tomatoes



strawberries



raspberries

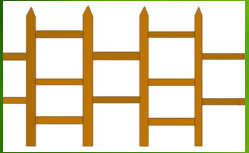
Step 1 : Buy and put 121 m of barriers

Step 2 : Buy and put 5 cm of soil on the roof
and plant grass

Step 3 : Put vegetable plots and containers with soil.

Step 4 : Plant plants .

Step 5 : Eat at the canteen



Step1



step 2



step 3

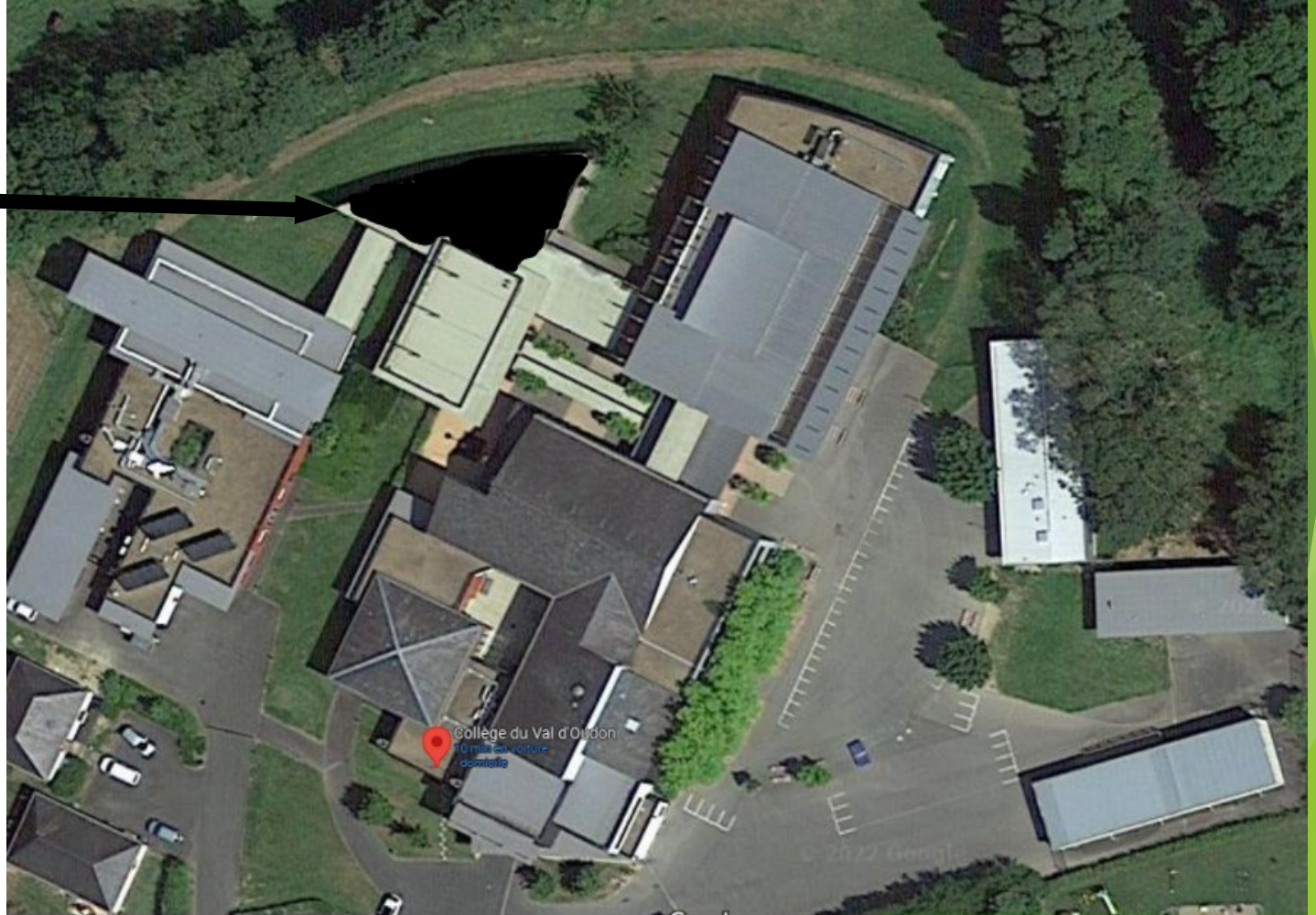


step 4



Step 5

This is where we want to put the vegetable garden so as not to take space on the ground.



The advantages are :

- Produce food for free.



- It's ecological.



- Transfers do not pollute.



A greenhouse in the school .

- ▶ We need :
- ▶ _a greenhouse
- ▶ _seeds
- ▶ _material for gardening



Building of a greenhouse on the grass.

We build this greenhouse on the grass and we plant tomatoes or potatoes in it.



We produce organic food

The food produced will be organic and the school will save money and invest in other projects



For the maintenance of the greenhouse

For the maintenance of the greenhouse it will be necessary to organize permanent gardening



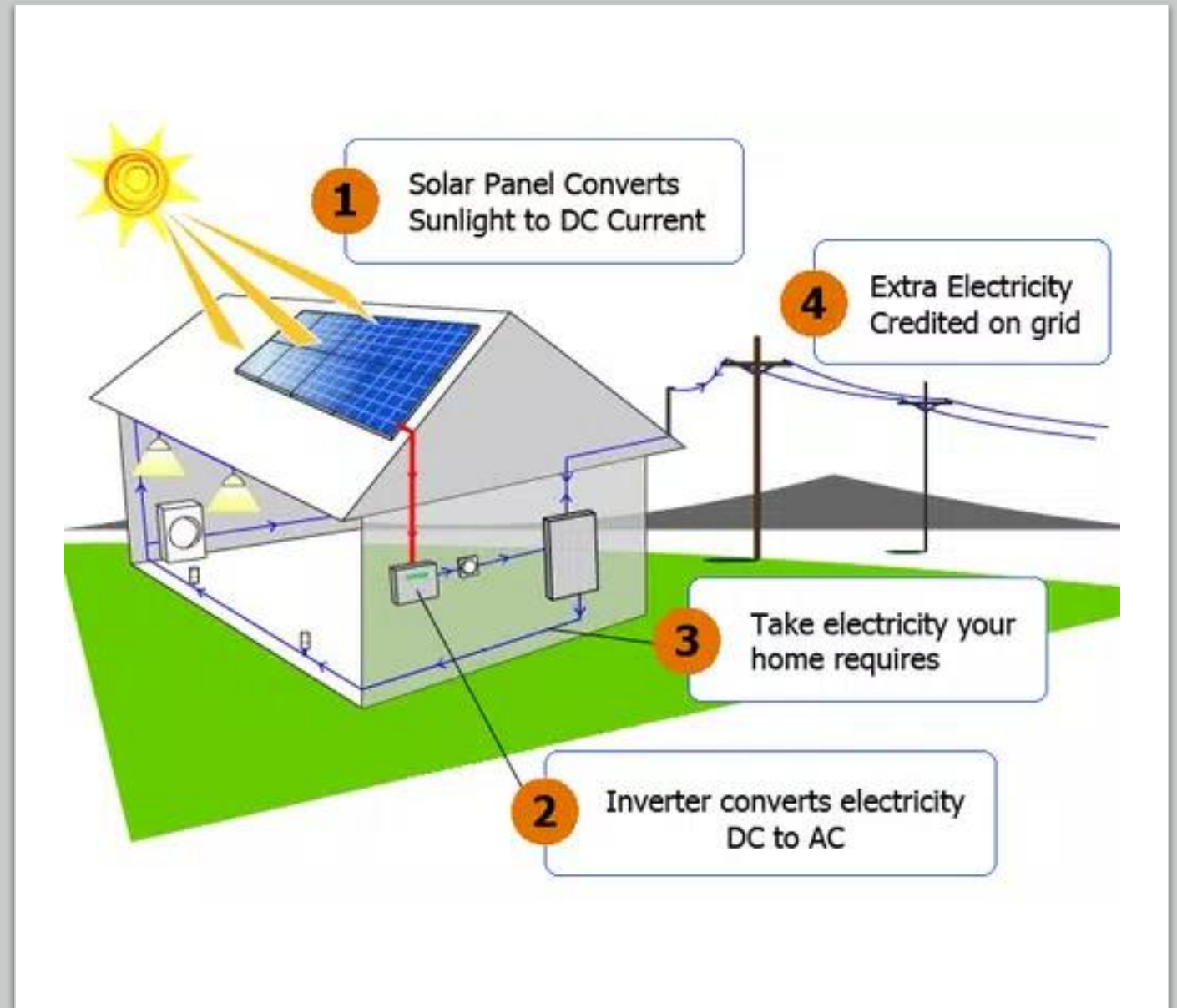
Let's produce energy with solar panels.

EcoSchool project :



How solar panels work :

They use the sun's rays to make electricity.





Solar panels are ecofriendly and save money.

Solar panels **don't need oil** to work.

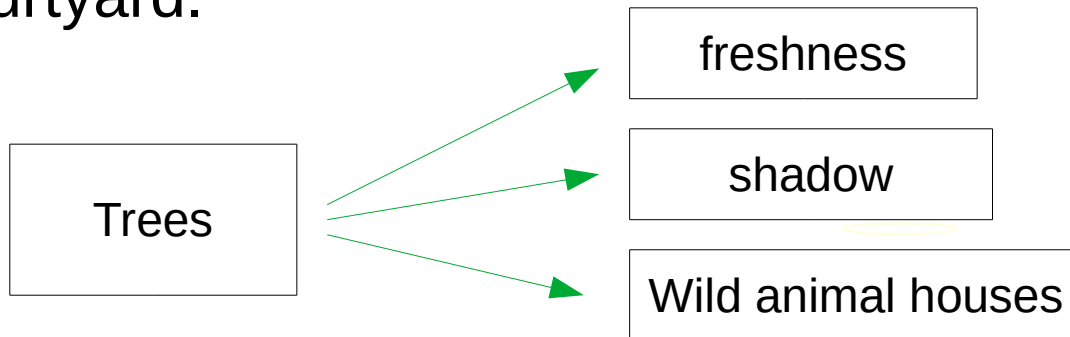
And **oil is expensive** today.

We should install solar panels on the roof of the buildings of the college Val d'Oudon.

Eco school

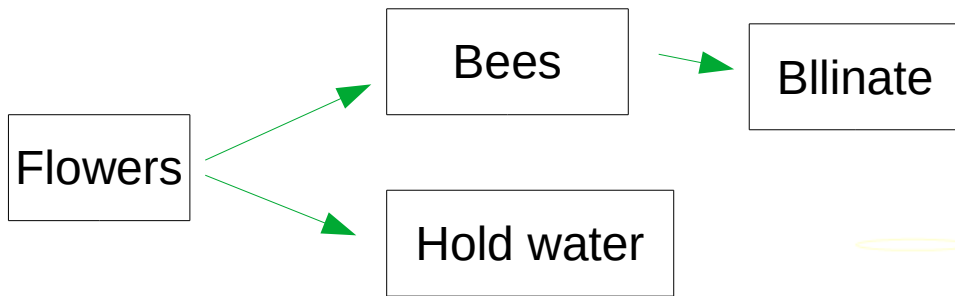
Biodiversity :

The school could plant more trees in the courtyard.



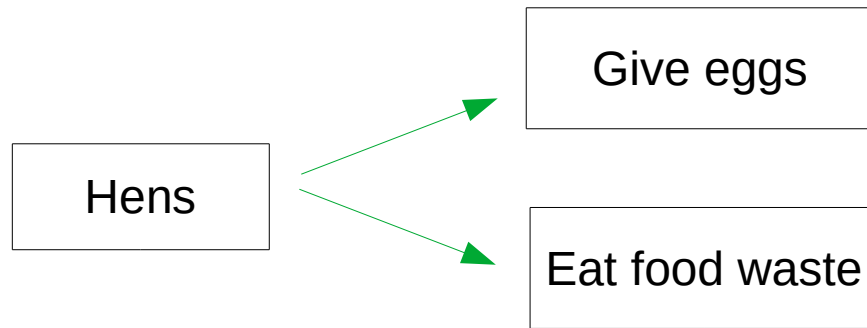
Biodiversity :

The school could make a small field of flowers.



Biodiversity :

The school could put hens in the bee field.



Biodiversity :

The school could put an insect hotel.

