

**FREE
#8**

**UNIVERSITY OF REIMS CHAMPAGNE-ARDENNE
AND TEESSIDE UNIVERSITY PRESENT**



**CAMPUS
DES MÉTIERS
ET DES
QUALIFICATIONS
D'EXCELLENCE**

Bioeco Academy
Grand Est

GREENKID



RETURN TO REIMS: THE GRAPE INVADERS!

GLOSSARY

Bioeconomy: An economic system that uses renewable biological resources-like plants, animals, and microorganisms to produce food, energy, and materials sustainably.

Biocontrol: Products that help to protect plants by aiding them in fighting diseases caused by microbes or insects.

Biostimulant: Substances that enhance plant nutrition, promoting health and reducing susceptibility to environmental stress.

Biological Agents: Are living organisms that are used to control pests, diseases, or harmful organisms in agriculture and other fields.

Pesticides: Chemicals substances used to keep away bugs or diseases from plants.

Fungal Infection: When tiny fungi attack plants or animals it makes them weak and harder to stay healthy.

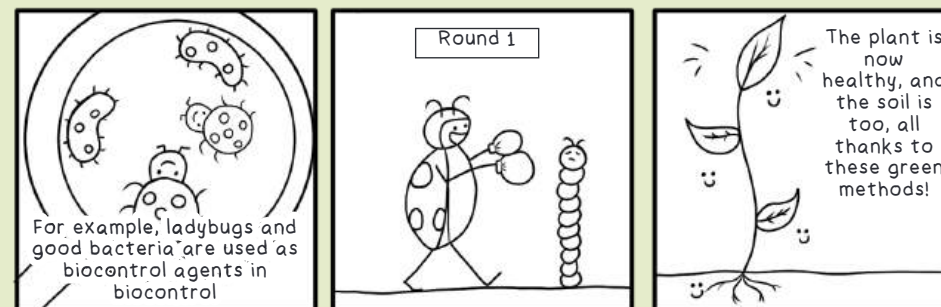
Mildew: A type of fungus that looks like white or gray powder and grows on plants.

Cochylis: A small moth whose caterpillars can damage plants and fruits.

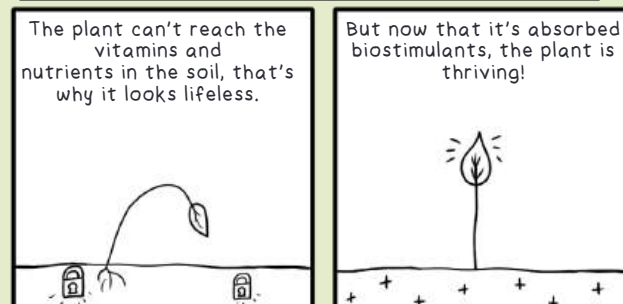
CHEMICAL TREATMENT/CONTROL



BIOLOGICAL AGENTS



BIOSTIMULANTS



Help Dr Science colour her drawings in!

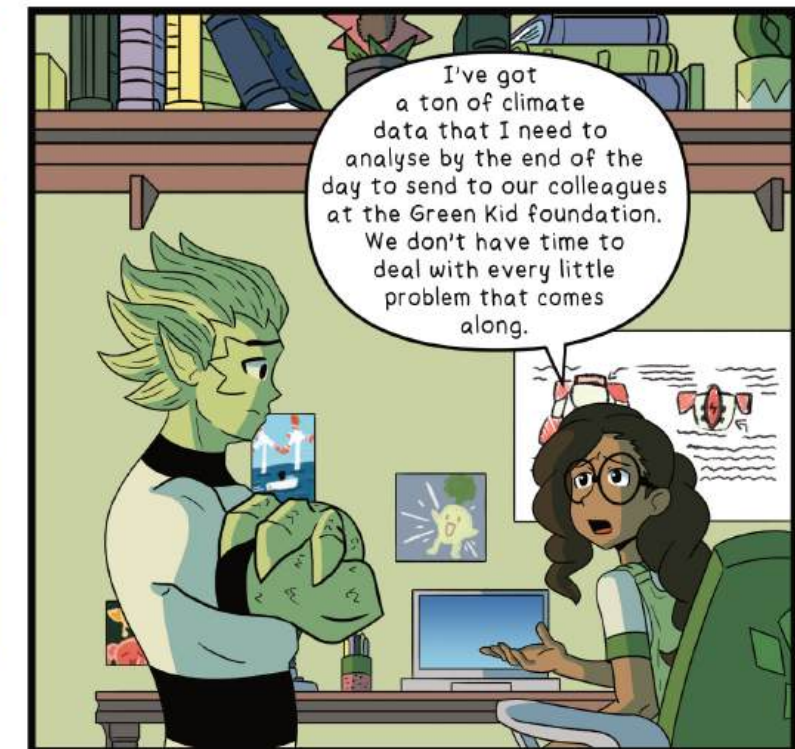
science!
with
Dr. Science!

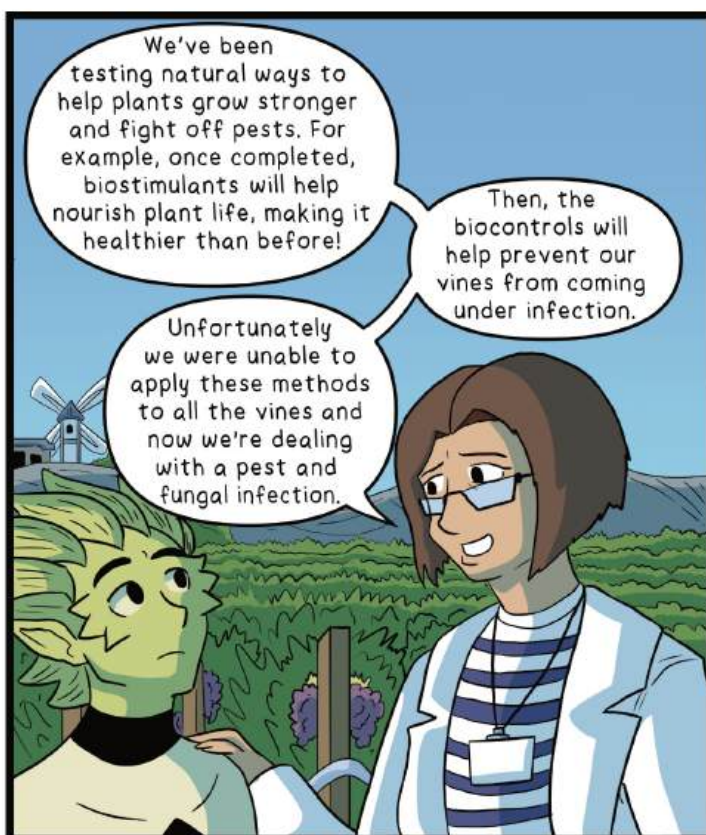
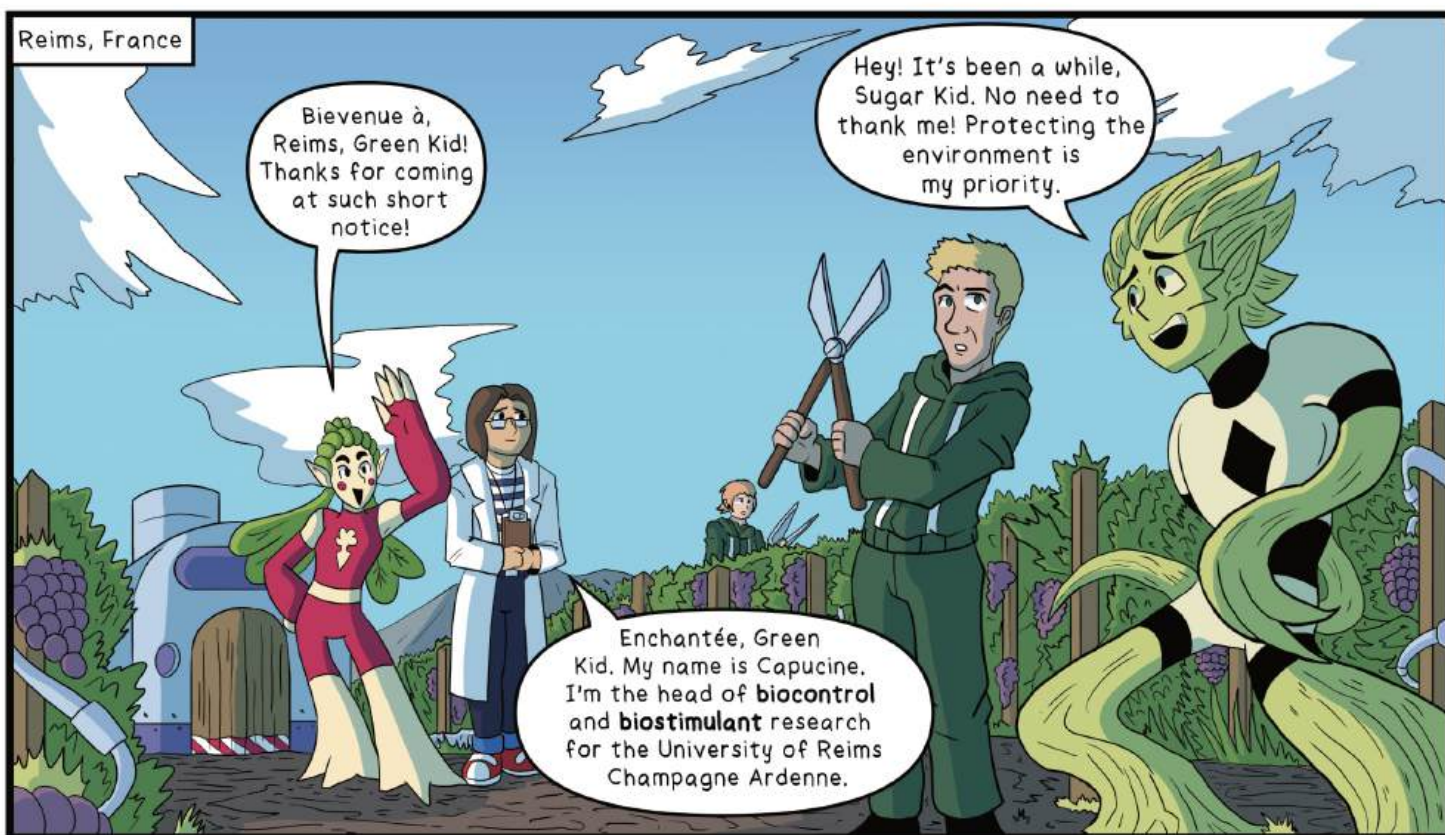
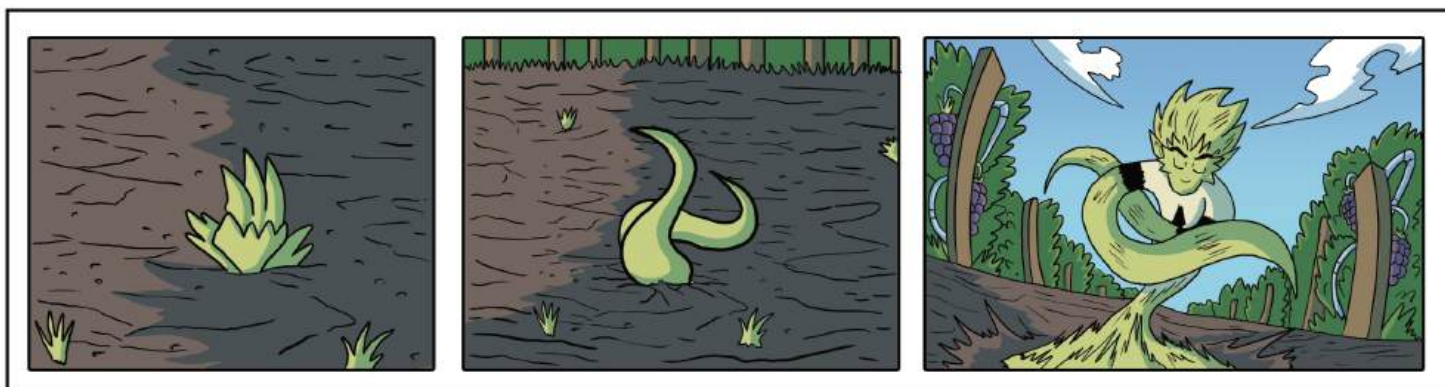


York, United Kingdom

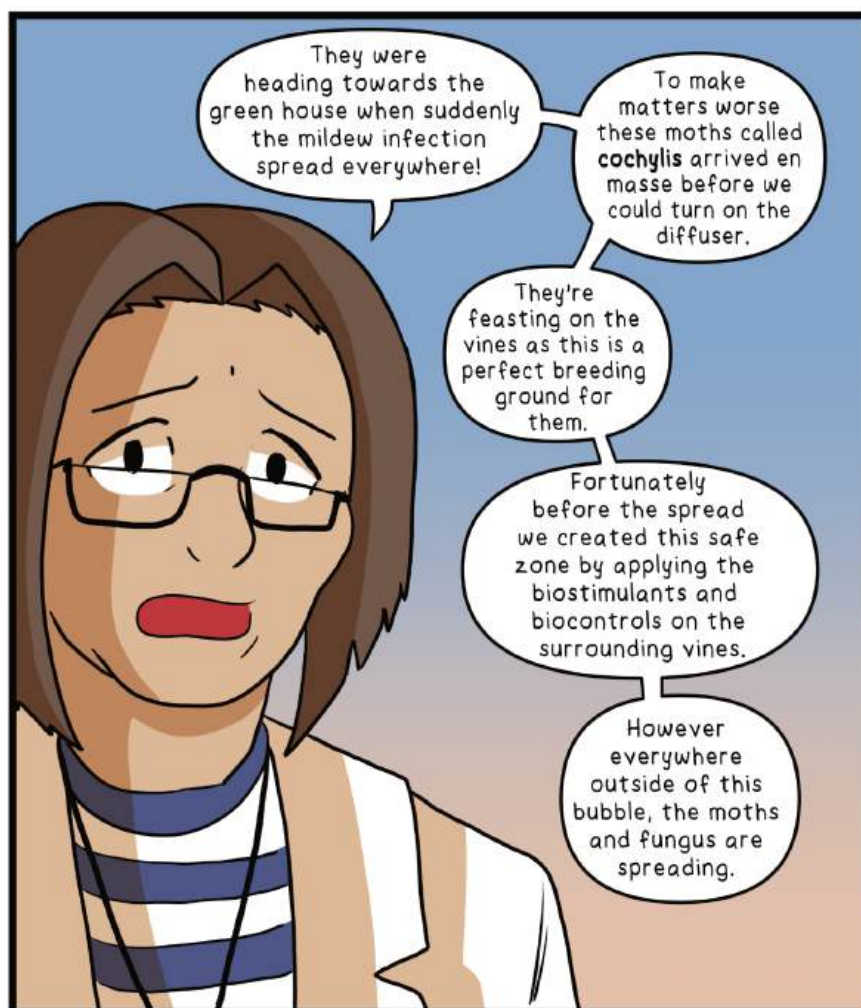
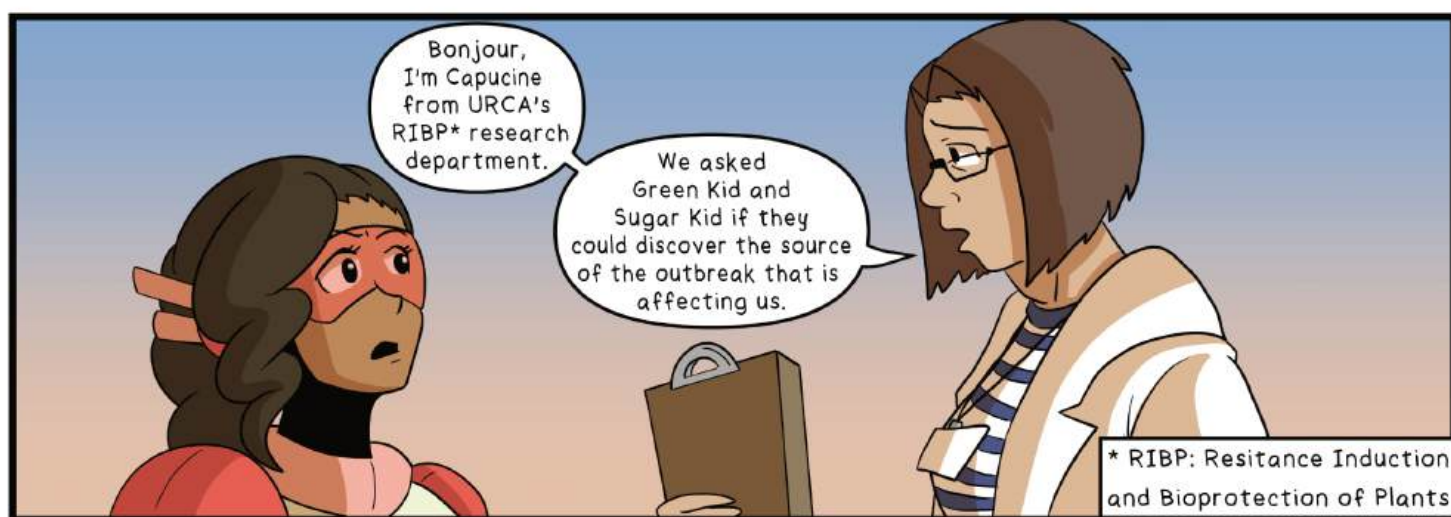


*Editor's note: See Green Kid Issue 4 for the introduction of Sugar Kid.

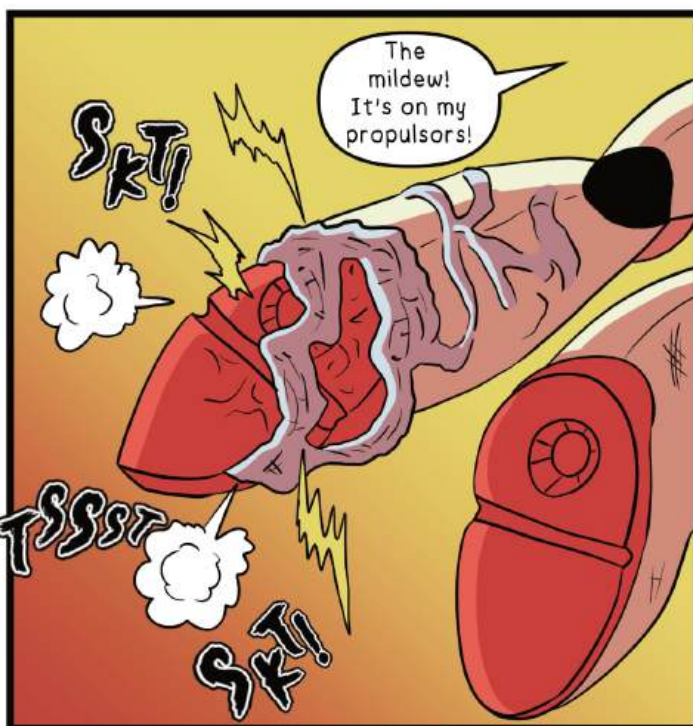
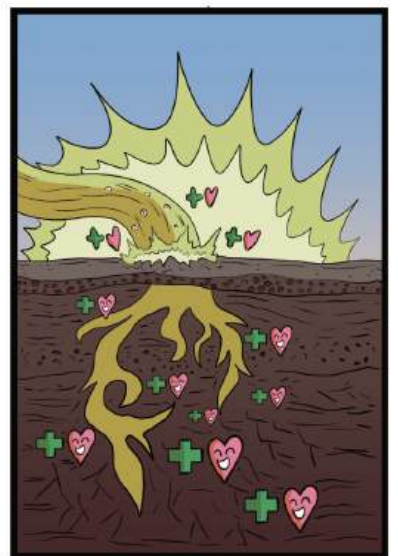


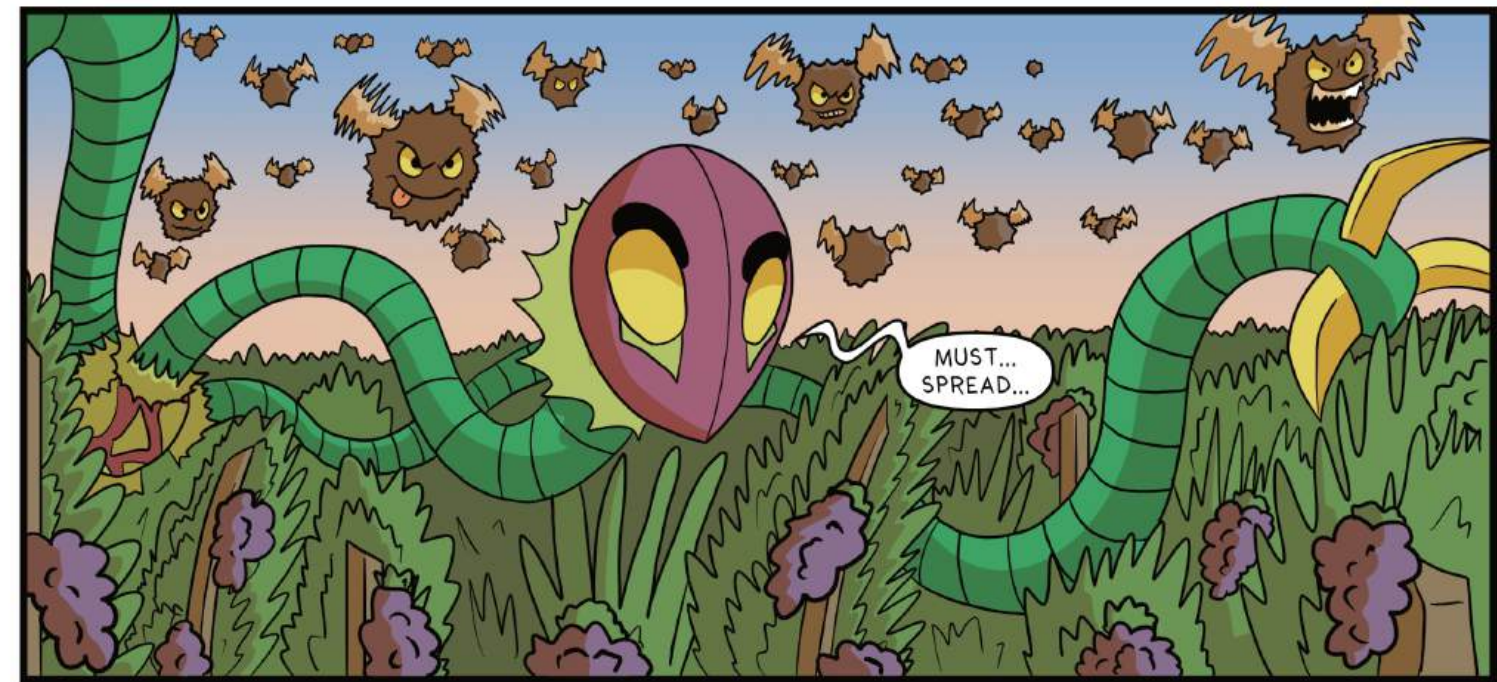


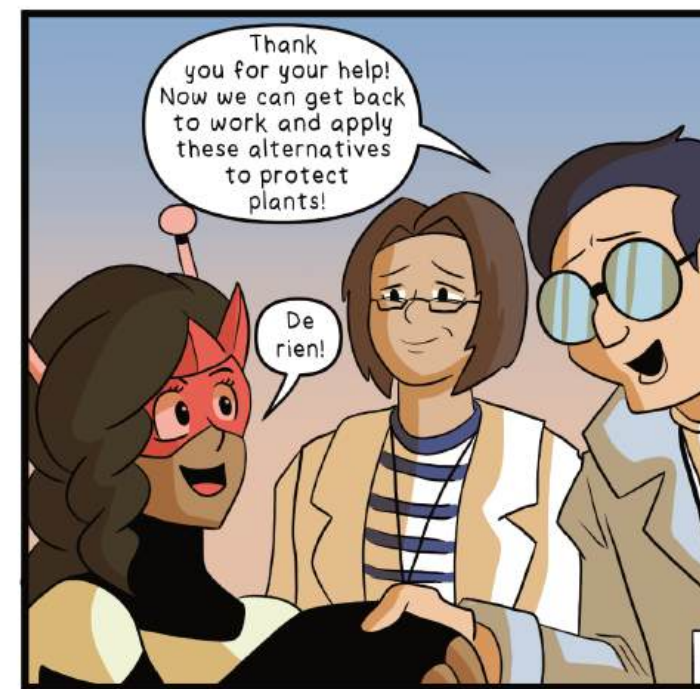












The End.

A cartoon illustration of a ladybug with a red body, black spots, and a black head with antennae. It is positioned on the left side of the page.

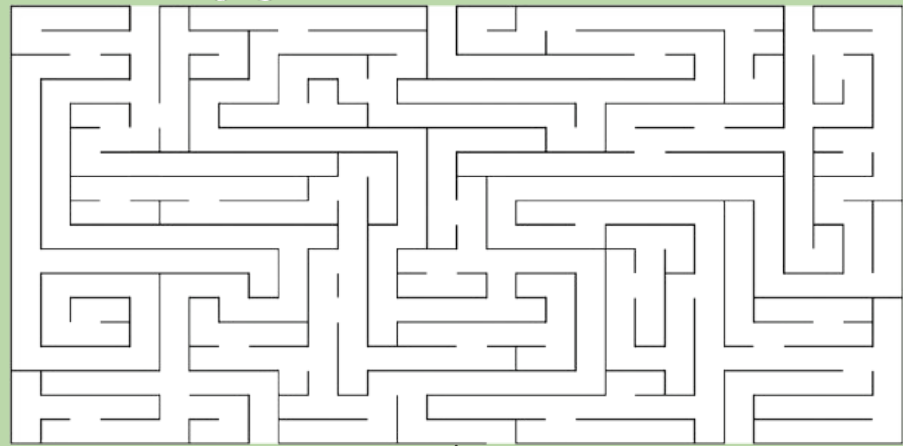
start!
Ladybug



start! Essential Oils



start!
Good Bacteria



end!
Larvae

end!
Plant

end!
Plant roots!

Great job! You discovered how nature defends itself with ladybugs, essential oils and good bacteria!



Baby grappy

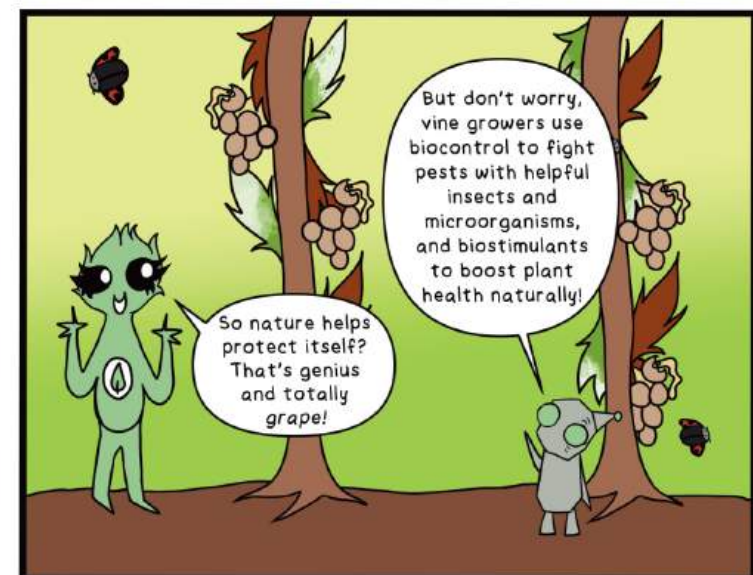
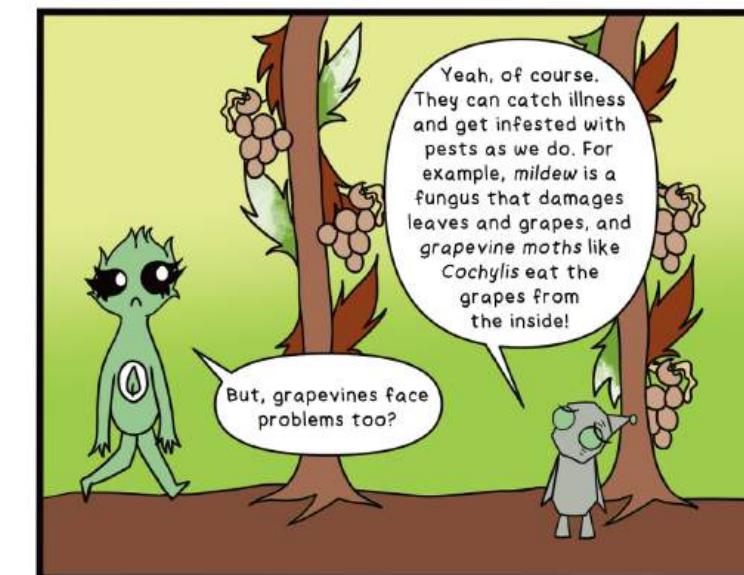
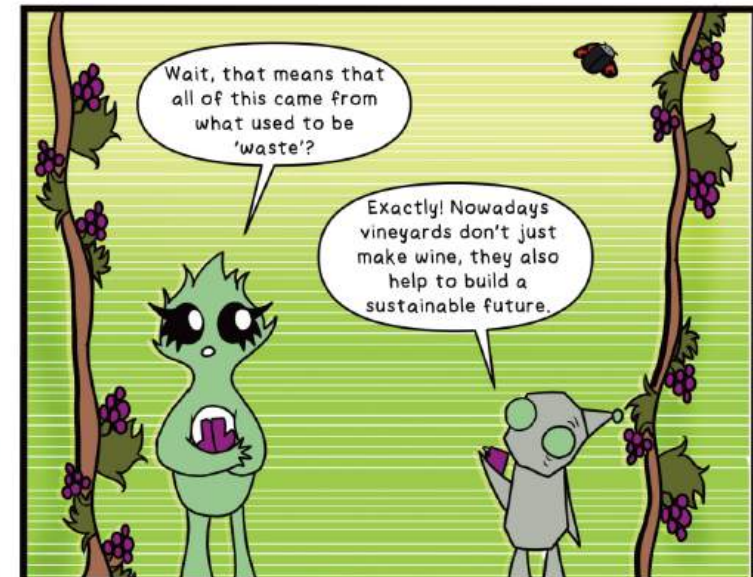
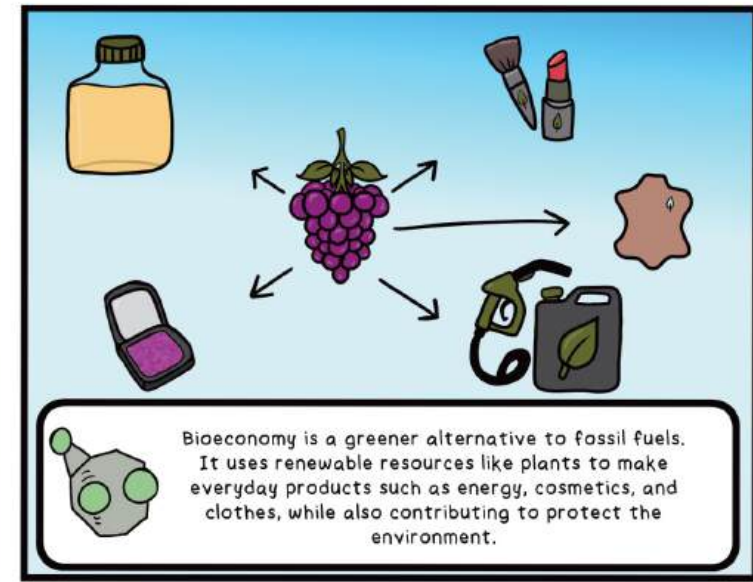
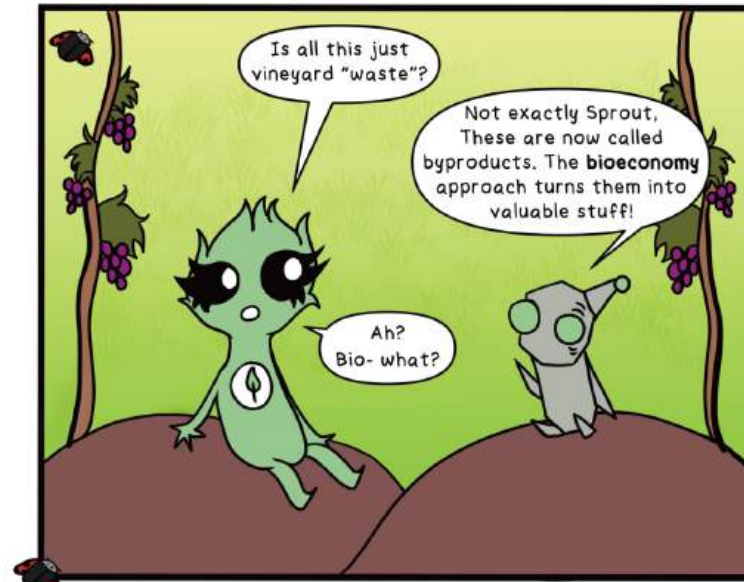


Thank you to the schools:
 * Pierre Souverville de Pontfaverger
 Saint Exupéry d'Avize
 Georges Charpak de Bazancourt
 for the AMAZING fan art!

Maze answers
Ladybug - < Larvae
Ladybugs eat larvae and other pests, they naturally protect the plants!
Essential Oil - < Plant
Some essential oils strengthen plants against diseases and insects
Good bacteria - < The roots
Beneficial bacteria help roots absorb nutrients and protect soil

sprout and Cyrus
Grap

Grapes with a Future



Did you know?

In countries like France, bioeconomy turns grape by-products into green jobs opportunities and sustainable materials.
A single grape can have many lives!



Jobio

New Green Careers Unlocked!

ACKNOWLEDGEMENTS

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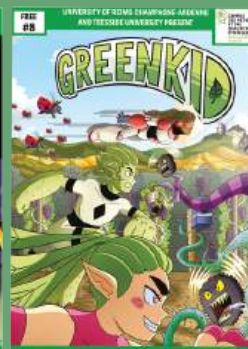
UNIVERSITÉ
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CHAMPAGNE-ARDENNE

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GREENKID COLLECTION



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