

UNIT 1

ENGLISH: BETWEEN EMOTIONS AND TREES

LESSON DESCRIPTION

This lesson plan will allow students to learn about the importance of trees. During the lesson, students will be able to apply their reading comprehension skills, while they ponder the importance of their interaction with trees.

APPLICATION OF THE LESSON PLAN

This lesson plan corresponds with the Unit K. 1 of English. The plan can be used following a discussion on the topic of emotions.



Fuente: https://encrypted-tbn0.gstatic.com/images?q=tbn:ANd9GcT8ouyLT5Gw2W0-fQixq2HDvUfxBUukl-p5cJzNlpK_Ts6qZC-a

STANDARDS AND INDICATORS

- Dialogue: Reaction to conversations, texts, and oral presentations, and the use of physical and/or nonverbal communication to demonstrate comprehension. (K.S.3)
- Reading: Identify key details of a story read orally. (K.R.2L)

LEARNING OBJECTIVES

- Interpretation of the story.
- Remembering the importance of trees.

TIMING

Start 15 minutes	Development 35 minutes	Closing 10 minutes
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MATERIALS

- Computer with CD
- Projector
- CD with story
- Photocopies of worksheets (one per student)

VOCABULARY

- Emotions- Variation of mood that can act as a predisposition or as a response.
- Trees- Plants of woody trunks, elevated, and ramified at a certain height off the floor.

CLASS GUIDE

START
Time: 15 minutes • The teacher will review with the students the concepts emotions and feelings. The discussion will start by playing “Simon says”. • For the game “Simon says”, the teacher will mention phrases allusive to different expressions of emotions. For example, “Simon says to show happiness.”
DEVELOPMENT
Instructional Activities
Socialized Dialogue: 10 minutes • The teacher will dramatize expressions that he/she is warm. The teacher will solicit the students to orally identify and name the expression the teacher is expressing. • The teacher will direct the students to the hallway where they will observe the patio of the school. The teacher will ask what things of the environment can help minimize the heat they feel. • The teacher will explain the services and importance of trees (they may consult Attachment 1). This explanation will be complementary with the experiences the students share with the group.
Story and discussion: 20 minutes • The students with the support of the teacher will read the story orally. • During the reading of the story, the teacher could discuss the story and clarify doubts. Similarly, they could discuss the themes of emotions and the importance of the trees. Guide questions: 1. How do trees help people and animals? 2. How do trees make you feel? 3. What can we do when we see people pulling leaves off of trees?
CLOSING
Time: 10 minutes • The teacher will distribute the worksheet and will explain the instructions (see Attachment 2). • Once the students have completed the worksheet, the teacher will discuss it. • The teacher and the students will offer a summary of what was learned during the lesson.

ATTACHMENTS

Attachment 1. Educational resource for the teacher

Source:

<https://web.archive.org/web/20160513073711/https://www.americanforests.org/bigtrees/tree-protection-toolkit/tree-benefits/>

Tree Protection Toolkit

Find your local tree ordinance

Make contacts

Calculate the value of your tree

Write a letter

Develop a tree ordinance

Establish a heritage tree or champion big tree program

Tree Benefits




Trees provide a range of environmental, social and economic benefits that improve our quality of life. Healthy trees increase in value with age and pay big dividends by cleaning our air, purifying water, reducing energy costs and beautifying our communities.

Environmental Benefits

Trees maintain the environment in which we live by moderating the climate, improving air quality, conserving and cleaning water and supporting wildlife.

- Trees clean the air by absorbing noxious gases and pollutants, improving air quality. One of the key gases they absorb is carbon dioxide, which is a main contributor to climate change. The trees then release oxygen that nearly all the Earth's inhabitants need to breathe. One mature tree absorbs carbon dioxide at the rate of 48 pounds per year.
- Trees provide shade and cool urban areas. Shade from trees helps lower temperatures, particularly in urban areas known as "heat islands" — areas that are measurably warmer than surrounding areas — and prevents water from evaporating from the ground too quickly.
- Trees prevent soil erosion and preserve the integrity of topsoil.



Credit: Linda Tanner

Secure | <https://web.archive.org/web/20150905122034/https://www.americanforests.org/bigtrees/tree-protection-toolkit/tree-benefits/>

- Trees slow water runoff through their leaves and absorb polluted water through their roots, allowing pollution to be filtered naturally and improving water quality in rivers and streams.
- Trees serve as homes for wildlife. They provide ideal places for birds to nest and crevices where small animals — and the tiny insects and micro-organisms that are their food — live.

Social Benefits

The social benefits of trees include improved health, crime reduction, and educational and recreational opportunities.

- Trees protect people from harmful ultraviolet radiation from the sun. If trees are planted on playgrounds, along walkways and in neighborhoods, they help decrease sun and dangerous ultraviolet exposure, which, in turn, decreases health risks associated with both.
- Trees can have a calming effect on humans, and studies have shown that neighborhoods with more trees have fewer incidences of violence than communities with fewer trees.
- Trees reduce noise pollution, muffling noise from roads and highways.
- Trees help humans heal faster. People recovering from illnesses or injuries have been shown to recover more quickly when they have a view of trees and nature from their windows.
- Trees along hiking trails, waterways and parks enhance the beauty and enjoyment of outdoor recreational areas.



Credit: Ulf Liljankoski

Economic Benefits

The economic benefits of trees can be both direct and indirect.

- Trees can lower air-conditioning and heating costs of a household or business by decreasing energy use. If planted near a building, trees can reduce energy bills by up to 40 percent.
- Homes that are landscaped with trees are worth four to 15 percent more and sell faster than homes without trees. Trees can also increase the property values of a whole neighborhood or business district.
- Trees enhance the beauty of communities, and help to attract tourists and businesses. Studies have shown that people walking or driving down a street lined with trees are more inclined to slow down and linger at store windows and are willing to pay up to 12 percent more for goods and services, and the presence of trees encourages patrons to spend a longer time shopping.
- Communities can save money and even increase revenue by planting trees. Since trees help to control stormwater, towns and cities can save money by investing in green infrastructure, such as trees, over gray infrastructure, for solving common problems like flooding.



Credit: Tony Alter

Additional sources of information for consultation:

- Extreme heat: https://www.fema.gov/media-library-data/91582c34fe107c04aaee531b1d9a870e/FEMA_FS_extremeheat_508.pdf
- Services of trees: <http://pinellas.ifas.ufl.edu/documents/EcosystemServices.pdf>
- Climate change and trees: [http://www.forestry.gov.uk/pdf/eng-trees-and-climate-change.pdf/\\$FILE/eng-trees-and-climate-change.pdf](http://www.forestry.gov.uk/pdf/eng-trees-and-climate-change.pdf/$FILE/eng-trees-and-climate-change.pdf)

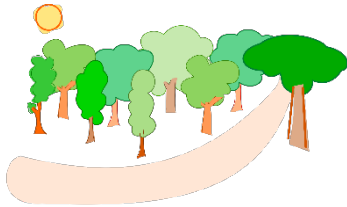
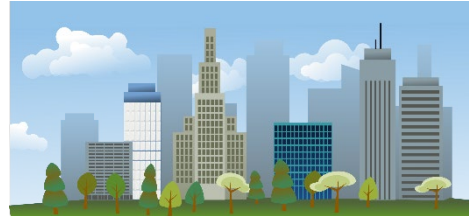
Attachment 2. Worksheet

Pepa Plants a Tree

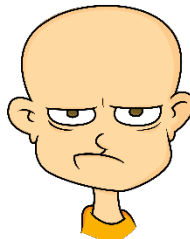
Name: _____

Date: _____

1. Circle the place that Pepa would feel less warm.

Fuente: [bratac](#), CCo 1.0Fuente: [rg1024](#), CCo 1.0

2. Circle the face that shows that someone is warm and weak.

Fuente: [ryanlerch](#), CCo 1.0Fuente: [knollbaco](#), CCo 1.0Fuente: [Juhele](#), CCo 1.0

3. Circle two things that a tree can provide to people and animals.



Water

Fuente: [lukeb](#), CCo 1.0

Shade

Fuente: [oksmith](#), CCo 1.0

Home

Fuente: [Firkin](#), CCo 1.0

REFERENCES

- American Forests. (n.d.). *Tree benefits*. Retrieved from <https://www.americanforests.org/bigtrees/tree-protection-toolkit/tree-benefits/>
- FEMA. (n.d.). *Extreme heat*. Retrieved from https://www.fema.gov/media-library-data/91582c34fe107c04aaee531b1d9a870e/FEMA_FS_extremeheat_508.pdf
- Forestry Commission England. (n.d.). *Climate change information pack*. Retrieved from [http://www.forestry.gov.uk/pdf/eng-trees-and-climate-change.pdf/\\$FILE/eng-trees-and-climate-change.pdf](http://www.forestry.gov.uk/pdf/eng-trees-and-climate-change.pdf/$FILE/eng-trees-and-climate-change.pdf)
- IFAS Extension University of Florida. (n.d.). *Ecosystem services of trees*. Retrieved from <http://pinellas.ifas.ufl.edu/documents/EcosystemServices.pdf>
- Real Academia Española. (2014). *Diccionario de la lengua española* (23a ed.). España: Espasa.