

# Penji Protects The Planet!

## Hello!

When you have had a chance to interact with the teacher website and/ or your students have had a chance to play the game, please remember to give us some feedback!

## About the Teacher Website

The Teacher website for Penji Protects the Planet allows you to register your students so they can log in to the game, make specific levels available to them and also provides a number of teaching resources which you can use in the classroom to support sustainability education. The teacher section also show which of your students has scored the highest in the game if you want to reward effort/ learning.

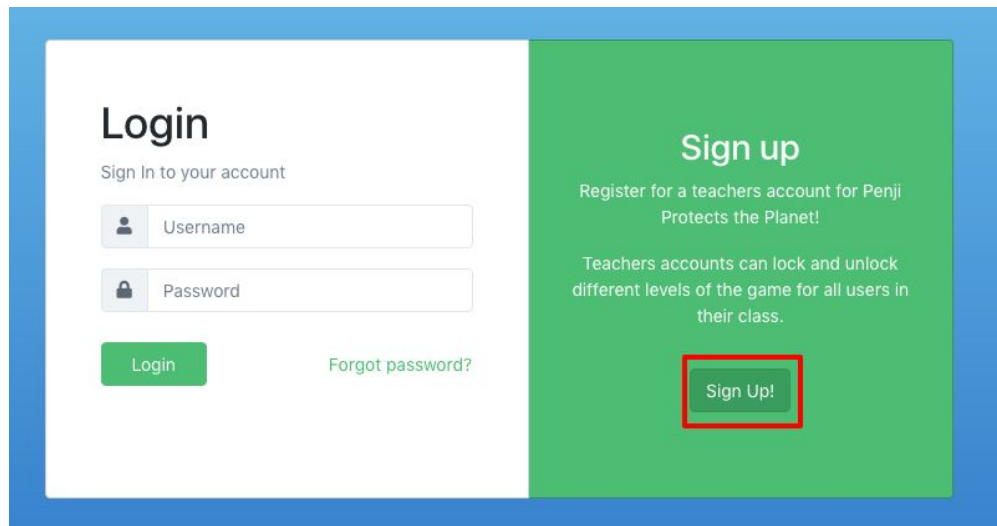
The process for using the game and the teacher website involves:

- [1\) Register and log into the Teacher Website](#)
- [2\) Create User Accounts for your students](#)
- [3\) Release a specific level for students to play](#)
- [4\) Following the in-game learning with in-class activities](#)

# 1) Register and log into the Teacher Website

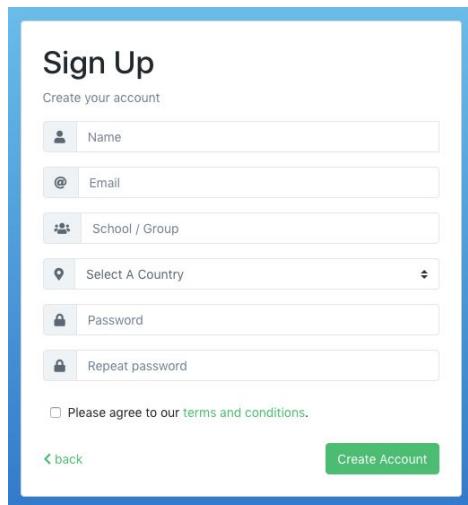
To use the teacher website, first go to <https://teachers.penjiithegame.com>

From here, you register for an account by pressing the green “Sign Up” button on the right-hand side



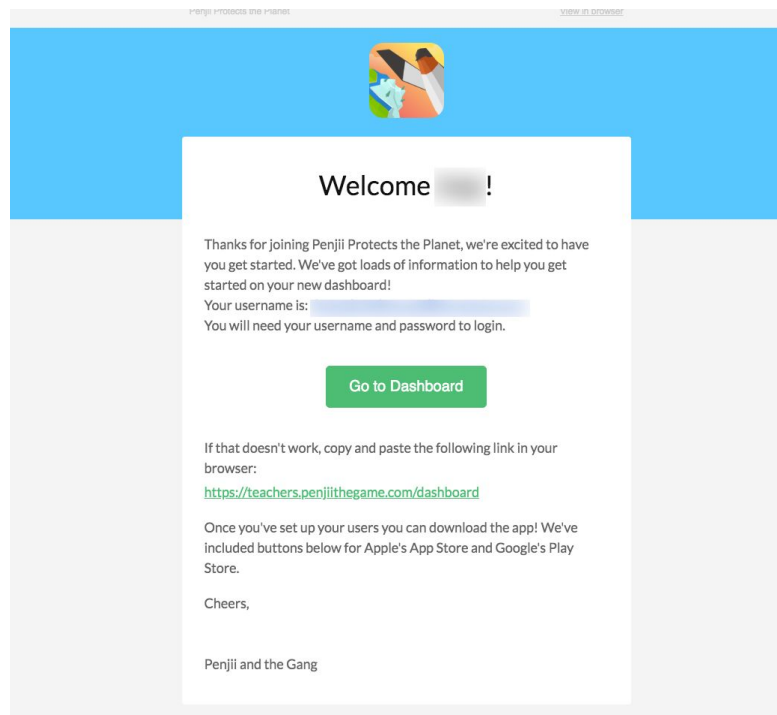
The screenshot shows a split-screen interface. On the left, the 'Login' section has the heading 'Login' and the subtext 'Sign In to your account'. It contains two input fields: 'Username' and 'Password', each with a corresponding icon (a person and a lock). Below these is a green 'Login' button and a link for 'Forgot password?'. On the right, the 'Sign up' section has the heading 'Sign up' and the subtext 'Register for a teachers account for Penji Protects the Planet!'. It includes the text 'Teachers accounts can lock and unlock different levels of the game for all users in their class.' and a green 'Sign Up!' button, which is highlighted with a red rectangular box.

On the next screen, please provide the requested details. Please note that the name of your school/ group does not have to be the exact school you are teaching in - it is just a way of identifying you and your group of students - so call it anything you like! (e.g. “Michaels Class”)



The screenshot shows the 'Sign Up' form with the heading 'Sign Up' and the subtext 'Create your account'. It features several input fields: 'Name', 'Email', 'School / Group', 'Select A Country' (a dropdown menu), 'Password', and 'Repeat password'. Below the fields is a checkbox labeled 'Please agree to our terms and conditions.' At the bottom, there is a '< back' link and a green 'Create Account' button.

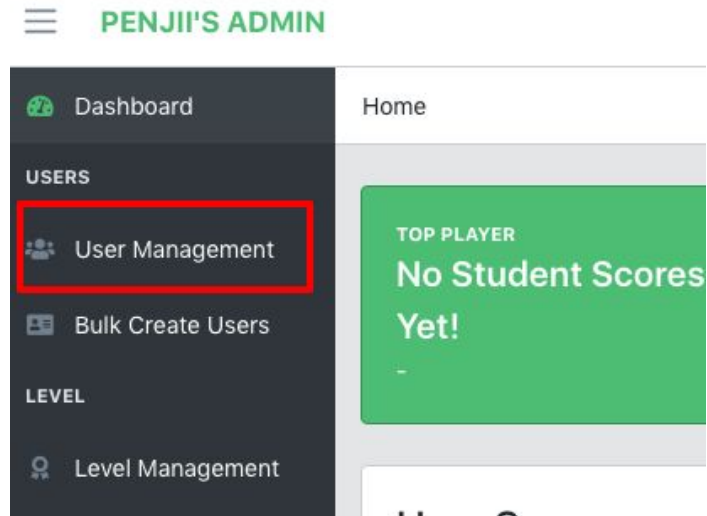
Once you have provided all the required details and pressed “register”, you will receive an email which will allow you to log in to the system.



## 2) Create User Accounts for your students

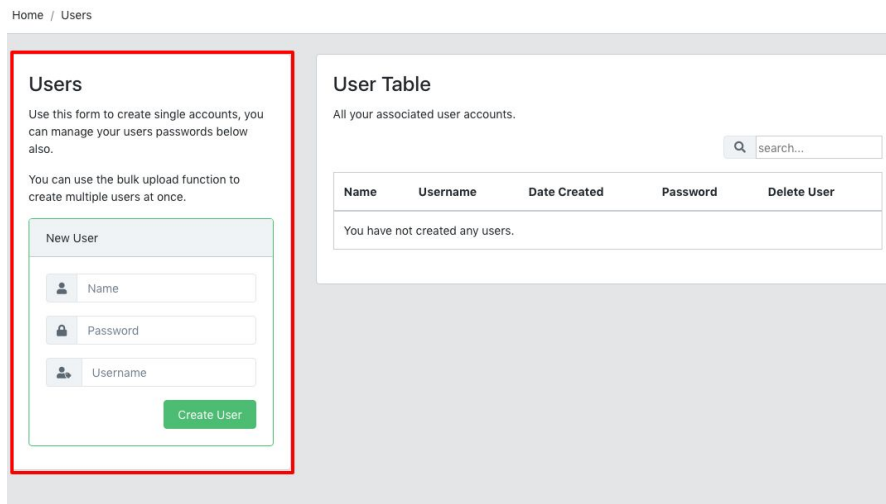
### Create an Account for 1 student

You can create accounts for individual users by accessing “Users Management” in the menu on the left-hand side



You can use the “Users” section on the left-hand side to create a user by adding a

1. Name
2. Password
3. Username



When you have added users, they will appear in the area on the right-hand side.

Home / Users

### Users

Use this form to create single accounts, you can manage your users passwords below also.

You can use the bulk upload function to create multiple users at once.

**New User**

[Create User](#)

### User Table

All your associated user accounts.

Name	Username	Date Created	Password	Delete User
Mark	mark	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Jill	jill	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Liam	Liam	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Noah	Noah	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
William	William	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
James	James	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Emma	Emma	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Olivia	Olivia	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Ava	Ava	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Isabella	Isabella	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>
Sophia	Sophia	Registered November 21, 2019	<a href="#">Change Password</a>	<a href="#">Delete</a>

## Bulk create accounts for multiple students

You can also also bulk-upload a lot of student accounts by creating their account in a spreadsheet (e.g. by using software such as Microsoft Excel). To do this, access “Bulk Users Management” in the menu on the left-hand side

PENJII'S ADMIN

Home / User:

## Bulk U

For groups you can fol

Dashboard

**USERS**

User Management

Bulk Create Users

To download the file which you can use to create a large number of users, click on the “Download Template” button on the left-hand side.

## Bulk Upload

For groups of larger numbers of new players you can follow the steps to upload multiple users at once.

**Step 1**  
Download out template and edit in Excel, do not change the top row.

Username and Passwords must not contain spaces, we recommend keeping them short but memorable.

**Download Template**

**Step 2**  
Select your updated file and click the upload button.

Choose File No file chosen

**Step 3**  
Click the upload button to check your file.

**Upload Users**

This will download a .CSV file called "penji-bulkupload.csv" which you can upload in software such as Microsoft Excel. From here, you can simply add a list of names, usernames and passwords.

	A	B	C	D	E	F
1	USERNAME	NAME	PASSWORD			
2	Sebastian	Sebastian	penjii			
3	David	David	penjii			
4	Carter	Carter	penjii			
5	Wyatt	Wyatt	penjii			
6	Jayden	Jayden	penjii			
7	John	John	penjii			
8	Owen	Owen	penjii			
9	Hannah	Hannah	penjii			

When you have saved this updated file as a .CSV file, you can upload this file to the platform using the “Choose File” button and then pressing the “Upload Users” button on the left-hand side.

### Bulk Upload

For groups of larger numbers of new players you can follow the steps to upload multiple users at once.

**Step 1**  
Download out template and edit in Excel, do not change the top row.  
Usernames and Passwords must not contain spaces, we recommend keeping them short but memorable.

[Download Template](#)

**Step 2**  
Select your updated file and click the upload button.

penji-bulkupload.csv

**Step 3**  
Click the upload button to check your file.

[Upload Users](#)

You can then see the uploaded student accounts and create them by pressing the “Create All Users” button in the lower-right corner.

#### Bulk Upload

For groups of larger numbers of new players you can follow the steps to upload multiple users at once.

**Step 1**  
Download out template and edit in Excel, do not change the top row.  
Usernames and Passwords must not contain spaces, we recommend keeping them short but memorable.

[Download Template](#)

**Step 2**  
Select your updated file and click the upload button.

penji-bulkupload.csv

**Step 3**  
Click the upload button to check your file.

[Upload Users](#)

#### Upload Tables

Take a look at the table, double check all users and then confirm your bulk upload. If there are errors, you should edit your file and reupload.

Your users have not been created yet, confirm to complete upload.

Name	Username	Password	Notes
Sebastian	Sebastian	penji	<a href="#">Ready</a>
David	David	penji	<a href="#">Ready</a>
Carter	Carter	penji	<a href="#">Ready</a>
Wyatt	Wyatt	penji	<a href="#">Ready</a>
Jayden	Jayden	penji	<a href="#">Ready</a>
John	John	penji	<a href="#">Ready</a>
Owen	Owen	penji	<a href="#">Ready</a>
Hannah	Hannah	penji	<a href="#">Ready</a>
Lily	Lily	penji	<a href="#">Ready</a>
Addison	Addison	penji	<a href="#">Ready</a>
Eleanor	Eleanor	penji	<a href="#">Ready</a>
Natalie	Natalie	penji	<a href="#">Ready</a>
Luna	Luna	penji	<a href="#">Ready</a>
Savannah	Savannah	penji	<a href="#">Ready</a>
Brooklyn	Brooklyn	penji	<a href="#">Ready</a>
Leah	Leah	penji	<a href="#">Ready</a>
Zoe	Zoe	penji	<a href="#">Ready</a>
Stella	Stella	penji	<a href="#">Ready</a>

[Cancel](#) [Create All Users](#)

When you have created accounts, let your students know about them, so they can now log in to the app using their username and password.

Some tips:

- Please note that students' real details do not need to be used, but it is recommended to use their first name for the username.
- It is also recommended that you make the password for all students something simple and that you give all students the same password.

### 3) Release a specific level for students to play

Have students download the game

When you have created accounts for students, they can download the game and begin playing. Students can download the game

[The Google Play Store](#)

[The Apple iOS Store](#)

There is also a printable document with QR codes which can be printed and distributed to students - so they can download it themselves - [here](#)

Release specific levels to students

Each level in the game deals with a different area of climate education - e.g.

Level 1 - Climate Change and its impact

Level 2 - Biodiversity and plastic pollution

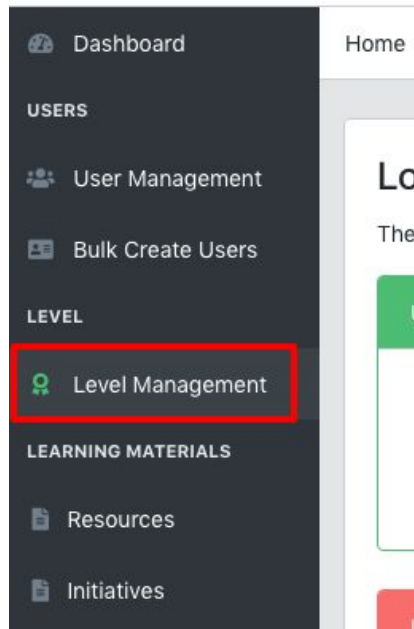
Level 3 - Climate justice activism and support

Level 4 - Everyday sustainability at home

When you are registered on <https://teachers.penjiithethegame.com/> you can release specific levels to students to structure learning about these different areas.



You can release a specific level to students by accessing “Level Management” in the menu on the left-hand side



You can see which levels are locked or not locked for your students in the “User Table” on the right-hand side. You can lock or unlock levels for a specific student by pressing on the Unlocked/ Locked button for that student for the level.

Home / Users

### Users

Use this form to create single accounts, you can manage your users passwords below also.

You can use the bulk upload function to create multiple users at once.

#### New User

### User Table

All your associated user accounts.

Name	Username	Date Created	Password	Delete User
Mark	mark	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Jill	jill	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Liam	Liam	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Noah	Noah	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
William	William	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
James	James	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Emma	Emma	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Olivia	Olivia	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Ava	Ava	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Isabella	Isabella	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>
Sophia	Sophia	Registered November 21, 2019	<input type="button" value="Change Password"/> <input type="button" value="Lock"/>	<input type="button" value="Delete"/>

You can also lock or unlock specific levels for all of your students using the buttons for “Lock or Unlock All” in the area on the left-hand side.

### Lock or Unlock All

The following buttons affect all users.

**Unlock For All**  
Unlock Level 1    Unlock Level 2  
Unlock Level 3    Unlock Level 4

**Lock For All**  
Lock Level 1    Lock Level 2  
Lock Level 3    Lock Level 4

### User Table

All your associated user accounts and their level access. You can toggle each users individual level access.

Name	Username	Levels			
		Level 1	Level 2	Level 3	Level 4
Mark	mark	Unlocked	Unlocked	Locked	Locked
Jill	jill	Unlocked	Locked	Locked	Locked
Liam	Liam	Unlocked	Locked	Locked	Locked
Noah	Noah	Unlocked	Locked	Locked	Locked
William	William	Unlocked	Locked	Locked	Locked
James	James	Unlocked	Locked	Locked	Locked
Emma	Emma	Unlocked	Locked	Locked	Locked

## Have students play the game

Students can log in to the game using the username and password you have created for them. You can have students play the game in-class, or outside of class.

In the game, students will be asked to answer questions on climate change and be given tips on how we can all reduce our impact on climate change. If they answer questions correctly, they will be able to keep playing - so the more they know, the more points they will accumulate.



### Save Penjii!

How many more kilojoules of energy does a car used compared to a walk?

Twice as much!

Three times as much!!

Five times as much!!!

Ten times as much!!!!

The game will track which student scores the highest in the game. This is shown in the dashboard of <https://teachers.penjiithegame.com/> and is available in the game under “Leaderboard” when students are logged in.

This can be used to reward students who do well in the game.

**DASHBOARD**  
USERS UPDATES  
LEVEL UPDATES  
BULK UPLOAD  
LOGOUT

**YOUR PROFILE**  
NAME: [Redacted]  
USERNAME: [Redacted]  
SCHOOL: NA  
STUDENTS: 11

**TOTAL SCHOOL STATS**  
SCHOOL TOP PLAYER: Jane, (Jane), 4810  
SCHOOL LONGEST RUN: Jane, (Jane), 4650  
SCHOOL MOST COLLECTED: Bo, (Bo), 18  
SCHOOL FAVOURITE LEVEL: Level 1

**ALL USERS**  
SCORES PER LEVEL  
LEVEL 1 LEVEL 2 LEVEL 3 LEVEL 4

**LEVEL 1**

Username	Name	Total Run	Total Collectible	Total Score
jane	jane	4650	16	4810
Bo	Bo	2694	18	2874
darr	darr	709	1	719
Tim	Tim	479	4	519

**Leaderboard**

- 1 jane 4810
- 2 Bo 2874
- 3 darr 719
- 4 Tim 519

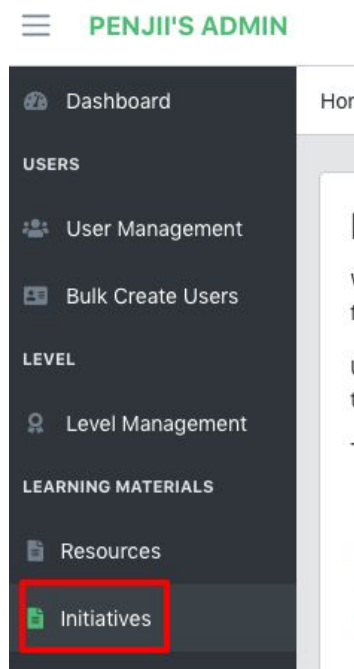
Level 1 Level 2 Level 3 Level 4

## 4) Following the in-game learning with in-class activities

After students have played a specific level in the game, you can support and enhance what they learned through a range of in-class activities. These can be supported through many of the initiatives and learning resources available on <https://teachers.penjiithegame.com>

### Get the class involved in a Climate Initiative

You can examine a number of different school-focused sustainability initiatives by accessing “Initiatives” in the menu on the left-hand side.



From here, you can see the list of available initiatives. You can filter the list of initiatives by selecting one or more of the topics in the left-hand area.

Home / Learning Materials / Initiatives

### Initiatives

We've curated a list of global initiatives for sustainable teaching.

Use the buttons below to filter the topics.

TOPICS

- soil
- reuse and recycle
- recycling
- mobility
- greenhouse effect
- energy
- Waste
- Sustainable Development Goals
- Sustainability
- Reduce
- Recycling and food
- Recycling
- Prevention
- Observation
- Litter
- Ice Melting
- Global Citizenship
- Food Waste
- Environment
- Composting
- Climate change
- Climate Change
- ARA - Alstoff Recycling Austria

#### Educaclima (Iberdrola)

Spanish Climate change

Página web de recursos educativos sobre cambio climático y sostenibilidad elaborados por y para profesores

Website

#### Climate Kids by NASA

English Climate change energy greenhouse effect recycling

Launched in 2010, NASA's Climate Kids website tells the story of our changing planet through the eyes of the NASA missions studying Earth. Targeting upper-elementary-aged children, the site is full of games, activities and articles that make climate science accessible and engaging.

Website

#### klimabündnis - Kurzfilme

German / English Climate Change Environment

link collection to short films, mostly between 1 and 10 minutes

Website

#### klimabündnis - Materialien

deutsch Climate Change Environment mobility soil

Materials for teachers, mostly pdfs

Website

In the right hand area, the list of initiatives will be displayed. The language it is in and the topics it relates to at the top of each initiative.

Home / Learning Materials / Initiatives

### Initiatives

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Use the buttons below to filter the topics.

TOPICS

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- Global Citizenship
- Food Waste
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- Composting
- Climate change
- Climate Change
- ARA - Alstoff Recycling Austria

#### Lebensmittel sind kostbar

German Food Waste Observation Prevention

Schulunterlagen für die Sekundarstufe - Schulen und außerschulische Gruppen und Organisationen werden mit diesen umfangreichen Unterrichtsmaterialien (für Pädagoginnen und Pädagogen) und Arbeitsblätter (für Schülerinnen und Schüler) dabei unterstützt, Jugendliche für das Thema „Lebensmittel“ zu sensibilisieren. Die Unterlagen wurden vom Bundesministerium für Nachhaltigkeit und Tourismus (BMNT) gemeinsam mit dem Forum Umweltbildung erarbeitet. Die gesamten Schulunterlagen zum Thema „Lebensmittel sind kostbar!“, inklusive aller Hintergrundinformationen für Pädagoginnen und Pädagogen, finden Sie in der rechten Spalte - nach Themenbereichen gegliedert - zum Download:

Website

#### Wer wird CO2-Müllionär?

German Waste

Mit dem Müllspiel übst du auf lustige Weise das Abfall-Trennen. Ziehe einfach den Müll auf eine Tonne. Wenn es die richtige Tonne war, dann freut sie sich :- ) und sonst verzieht sie gleich ihr Gesicht! :- ( Spare möglichst viel CO2 und vielleicht wirst du sogar CO2-Müllionär! Wenn man Müll trennt braucht man diese Stoffe nicht extra neu produzieren. Neue Produkte belasten das Klima, weil bei der Herstellung viel CO2 entsteht. Wiederverwenden und Recycling hingegen spart CO2.

Website

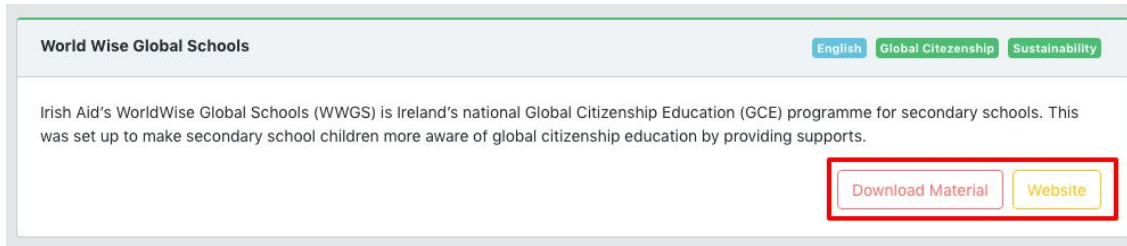
#### Educaclima (Iberdrola)

Spanish Climate change

Página web de recursos educativos sobre cambio climático y sostenibilidad elaborados por y para profesores

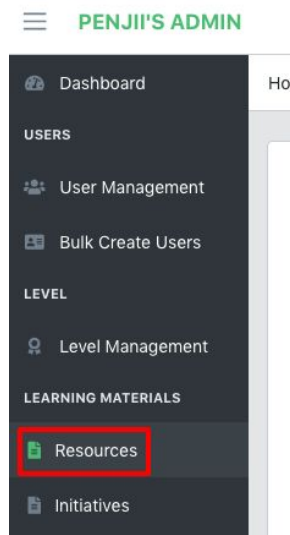
Website

- You can access guidelines on how to use the initiative for teaching your students about climate education by pressing the red **“Download Material”** button
- You can access the website for the initiative website by pressing the yellow **“Website”** button



## Get the class using one of the Learning Resources

You can also access a number of downloadable learning resources which can be used for in-class learning activities by accessing “Resources” in the menu on the left-hand side.



From here, you can see the list of available resources, a description for each, the topic which they deal with, etc. You can download the learning material using the “Download” button on the right-hand side (all resources are PDF-based)

**Learning Material Table**

These materials have been gathered by our team to enhance the learning experience for players of the game.

Topic	Language	Name	Description	Link
Climate Change	EN	Carsharing Poster	Poster for encouraging carsharing	<a href="#">Download</a>
Climate Change	EN	Eat less meat poster	Poster about how eating less meat can help reduce CO2 emissions	<a href="#">Download</a>
Plastic Pollution	EN	Single-Use-Plastics Poster	Poster about danger of single-use-plastics	<a href="#">Download</a>
Recycling Guide	EN	Recycling Poster	Poster about how you can recycle in a more effective way at home	<a href="#">Download</a>
Activism	EN	Raising Money Poster	Poster for encouraging students to get involved in raising money for environmental charities	<a href="#">Download</a>
Water Waste	EN	Showering Poster	Poster for encouraging students to cut down on water waste through how they shower	<a href="#">Download</a>
Food Waste	EN	Composting Poster	Poster for encouraging students to cut down on food waste by composting	<a href="#">Download</a>

## Some other in-class Activities

Some other in-class activities which can be done in-class include

### 1) Host a debate

Host a debate in class with the motion "A plant based diet is better for the environment" or something along those lines.

You could also focus on trying some vegetarian recipes and meat alternatives in class. Show or discuss with students what are the nutritional qualities of the foods? Do they taste nice? What other motivations do people have for eating a meat-free diet (religious/animal welfare/cost, etc.)?

- Resources for schools from Meat Free Monday: <https://www.meatfreemondays.com/schools>

### 2) Create a Class Mural

Communicate the process of climate change to a broader audience via a student organised mural. This can be used to help teach other students about climate change. An example of this can be seen at <http://www.joannaboyce.co.uk/community-projects/570/>

*Resources for teaching about climate change*

[https://www.trocaire.org/sites/default/files/resources/edu/teaching\\_about\\_climate\\_change.pdf](https://www.trocaire.org/sites/default/files/resources/edu/teaching_about_climate_change.pdf)

### 3) Use some of the resources at the "Climate Kids" website

Climate Kids by NASA is a website which has a wide range of games, activities, videos to help teach kids about climate change. This provides a wide range of learning resources and activities about the effects of climate change, as well as activities which can be done to help reduce climate change.

Climate Kids Website: <https://climatekids.nasa.gov/>

Some examples of how to use the game and resources

### **Raising awareness and action for Climate Change**

1. Make level 1 of the game available to your students
2. Give the students a week to play outside of class, or else give them 10-15 minutes to play in-class
  - a. If you want to add motivation or fun, you can reward the student who scores the highest by checking the leaderboard in the dashboard of <https://teachers.penjiithethegame.com>
3. Hold a debate or encourage students to think about what either
  - a. Their homes
  - b. Their schoolcould do differently to reduce its impact on climate change
4. Write down the students' ideas and make them into a poster to stick on the classroom wall.

### **Taking the plastic pledge**

1. Make level 2 of the game available to your students
2. Give the students a week to play outside of class, or else give them 10-15 minutes to play in-class
  - a. If you want to add motivation or fun, you can reward the student who scores the highest by checking the leaderboard in the dashboard of <https://teachers.penjiithethegame.com>
3. Hold a debate or encourage students to think about what either
  - a. Their homes
  - b. Their schoolcould do differently to reduce its impact on climate change
4. Write down the students' ideas and make them into a poster to stick on the classroom wall.

### **Taking part in School strike for the climate**



1. Make level 1 of the game available to your students
2. Give the students a week to play outside of class, or else give them 10-15 minutes to play in-class
  - a. If you want to add motivation or fun, you can reward the student who scores the highest by checking the leaderboard in the dashboard of <https://teachers.penjiithethegame.com>
3. Hold a debate or encourage students to think about what either
  - a. Their homes
  - b. Their schoolcould do differently to reduce its impact on climate change
4. Write down the students' ideas and make them into a poster to stick on the classroom wall.