Chart #1: Types of Renewable Energy

Type of Energy	**Renewable or Nonrenewable Energy**	**Key aspects**
Solar		
Coal		
Natural Gas		
Wind		

Hydropower		
Oil		
Nuclear		
Geothermal		
Biomass		

Chart #2: Types of Renewable Energy

Type of Energy	**Renewable or Nonrenewable Energy**	**Key aspects**	**Advantages** *Are there any positive health, environmental, economic, or safety impacts?*	**Disadvantages.** *Are there any negative health, environmental, economic, or safety impacts?*
Solar				
Coal				
Natural Gas				
Wind				

Type of Energy	**Renewable or Nonrenewable Energy**	**Key aspects**	**Advantages** *Are there any positive health, environmental, economic, or safety impacts?*	**Disadvantages.** *Are there any negative health, environmental, economic, or safety impacts?*
Hydropower				
Oil				
Nuclear				
Geothermal				
Biomass				

Template for Commercial Script	
Steps	**Description**
Define the Goal	What is the message or story you want to tell? What action or emotion do you want to evoke?
Write the Dialogue	1. **Introduction**: Introduce the topic in an engaging manner Example: *Do you know that clean energy can save the world?* 2. **Message**: Develop the message in a clear, short way Example: Clean energies, such as solar, wind, hydropower, or geothermal, are key to fighting against climate change, ensuring affordable energy for all of us, and protecting the planet. 3. **Conclusion**: End with a call to action or a thought-provoking message. Example: What are we waiting for? Let's say YES to renewable energies!
Template for Storyboard	
Steps	**Content**
Create the grid	Create a grid on a page with multiple frames. Each frame represents a scene or shot.

Scene Description	In each frame, briefly describe what will happen in that scene. Example: “The girl looks at the sun” or “The camera zooms in on the SDG logo.”
Add Dialogue or Narration	Below each frame, write the dialogue or narration that will be spoken. Example: “Clean energy sources, such as solar, wind, hydropower or geothermal, are key to fight against climate change, ensure affordable energy for all, and protect the planet”.
Include camera directions	If you’re creating a video, include any camera movement. Example: Close-up on the girl as she says: “Do you know that clean energy can save the world?”
Identify Transitions	Mention how one scene transitions to the next. Example: “Fade out” or “Cut to.”
Time Estimates for Each Scene	Estimate each scene's time so the video will flow smoothly and be within your time constraints.

Student Research Worksheet #1	
Name:	
Country:	
Local Community:	
Research Questions	
Lower Secondary Level	**Answers**
In your own words, what is renewable energy?	
What is the most significant source of energy worldwide?	
What type of energy does your country use the most?	

Which country uses the most *renewable energy*, with a percentage of almost 100%?	
Who is the most vulnerable to the challenges posed by climate change?	

Student Research Worksheet (Advanced)	
Name:	
Country:	
Local Community:	
Research Questions	
Upper Secondary Level	**Answers**
In your own words, what is renewable energy?	
Which country uses the most *renewable energy*, with a percentage of almost 100%?	
Describe the geography of your country and how this could affect renewable energy use. For example, is it in a cold climate that needs heat? Does it have an abundance of rivers that could be used for hydropower? Is it primarily urban, with industry, transportation, and higher energy consumption per capita?	

Are there any policies or government incentives in your country that encourage using clean energy?	
What renewable energy sources could be adopted in your home country or community based on the information gathered? Describe your vision for renewable energy in your country.	
How can we ensure everyone in your country has access to clean and sustainable energy, especially women and girls?	

School Investigation Worksheet	
Where does your school's energy come from?	
Does your school's energy come from renewable energy sources? If not, what is your school's primary source of energy?	
Does your school have air conditioning? If so, where does the energy to support this come from?	
What part of your school uses the most energy?	
Are there programs or policies in your school encouraging sustainable energy practices?	

Is your school involved in community projects related to clean energy or the energy transition?	
What is the biggest problem in your school? How can you help your school community in this area?	

Calculating Your Energy Usage

Item	Hours per day	
Lighting		
Lightbulb		(Number of Hours) x (energy usage per hour) = _____
Other		(Number of Hours) x (energy usage per hour) = _____
Technology		
Mobile phone		(Number of Hours) x (energy usage per hour) = _____
Computer		(Number of Hours) x (energy usage per hour) = _____
TV		(Number of Hours) x (energy usage per hour) = _____
Other		(Number of Hours) x (energy usage per hour) = _____
Transportation		
Walking		(Number of Hours) x (energy usage per hour) = _____
Biking		(Number of Hours) x (energy usage per hour) = _____

Riding in a car or driving		**(Number of Hours) x (energy usage per hour) = _____**
Taking the bus		**(Number of Hours) x (energy usage per hour) = _____**
Other		**(Number of Hours) x (energy usage per hour) = _____**
Cooking		
Using the microwave		**(Number of Hours) x (energy usage per hour) = _____**
Using the stove		**(Number of Hours) x (energy usage per hour) = _____**
Other		
Total estimated daily energy usage:		

Action Planning Template	
Describe your idea or action.	
Where will you implement your action? Your school, classroom, or local community?	
What is your #1 goal in completing this action? How many people do you want to reach? What exactly will you accomplish?	
What do you know about this topic? Use research, facts, and statistics you gathered.	
What are your next steps for completing this action?	