



## Lesson Resources (KS1) The Big Green Happy House Assembly



### The Big Green Happy House Assembly Notes for Teachers

Here are your **Big Green Happy House** Assembly Play instructions.

In this assembly plan, Eco-troubleshooter Professor Green, introduces us to a sad house that wastes energy. He decides to bring in the Green Team: his Eco-Rangers, then change the house to make it eco-friendly. At last, the sad house is a happy house. The pupils are left with the message that houses are happier if they are environmentally friendly.

Below are directions for staging the assembly, the play text for the narrator, actors and musicians. You are also directed to the notes for making the big cardboard house.

Some pupils will be able to memorise lines, read longer passages and be centre-stage. Some will want to do less. Allocate roles as you think fit. You know your pupils and what they can do!

#### Characters:

There is one main character (apart from the house): Professor Green, who is the Narrator. The other characters are his Green Team of Eco-Rangers who swoop in to rescue the house.

All the pupils are dressed as Eco-Rangers.

Half the pupils in the class are the Eco-Rangers for The Big Green Happy House who hide around the hall and swoop in when called. The other half are the characters for the Power Station Drama (co-Rangers) who also perform the Power Station Drama (included in this document). Those pupils who are not centre-stage sing and play percussion instruments.

#### Costumes:

##### Professor Green:

Lab coat, top, trousers, PE whistle.

##### Eco-Rangers:

Keep it simple – green T-shirts (perhaps with a simple logo that they can make and stick on), black trousers, baseball caps.

#### Music:

Sing **'Here's a Sad House'** to the tune of *Frère Jacques*. Pupils could use some gentle percussion accompaniment to the Sad House song, such as tinkly bells and rainmakers.

Sing the more rousing **'Now Your House is Feeling Happy'** to the tune of **'If You're Happy And You Know It'**. Choose some noisier instruments, and perhaps hand clapping.



## Scenery / Props:

You will need to make the big cardboard house and other items. You may have done this as part of Lesson 6 The Eco House.

Full instructions for making the cardboard house are in:

**Lesson resource: Make the Big Sad Wasteful House**

**Lesson resource: Make the Big Green Happy House**

You'll need the following items:

**Lesson resource: Solar Panels** (*photograph*)

**Lesson resource: Windmills** (*instructions for making a windmill*)

**You'll also need:** cotton wool, scraps of curtain material, recycling boxes, tipped-over dustbin and some recyclable rubbish like jars, plastic bottles and newspapers to scatter in front of the house.

The instructions for the **Power Station Drama** are also included in this document.



# The Big Green Happy House Assembly Script



## Set The Scene:

Before the audience arrives in the hall, hide the first group of Eco-Rangers around it – in the corridor, behind curtains, behind a partition, under a table.

Set up the cardboard house closed at the front of the stage/hall with rubbish round it. Its mouth is turned down.

**Prof Green:** *Here is a house. It is a very sad house.  
Look at all that rubbish in the garden. Nobody uses the recycling boxes.  
And they've left the front door open! Let's look inside.*

**(Prof Green opens the house to reveal the inside).**

*Poor house! There's no loft insulation. No wonder it's cold.  
There are no curtains. Curtains keep the warmth in.  
Look at those dripping taps! What a waste of water.  
All the televisions and computers have been left on. That's wasting electricity!  
And those bulbs! They're not energy-saving!  
Poor house. No wonder you're sad.*

**Pupils say:** *Ahhhhhhh.*

**Song:** (sing twice – to the tune of **'Frere Jacques'**. If pupils are able, sing it as a round).  
Percussionists play gentle tinkly instruments to accompany.

### **Here's a Sad House**

***Here's a sad house, here's a sad house,  
Why's it sad? Why's it sad?  
It's sad because it's wasteful, sad because it's wasteful,  
It makes us mad, makes us mad.***

**Prof Green:** *Hmm. I'm not happy leaving a house like that.  
I'm going to call in my Eco-Rangers and sort it out!*

**Pupils all cheer:** *Hooray!*



(Prof Green blows a whistle. Pupils dressed as Eco-Rangers run in from all areas of the hall: from behind the stage, the curtains, the back, front, sides. They are carrying the items prepared in class for making the house more environmentally friendly. They run up to the Professor.)

**Prof Green:** *You know what to do, Eco-Rangers!*

**Ranger 1:** *I'll recycle the rubbish!* (Brings out recycling boxes and puts papers, bottles and cans in them, puts boxes away tidily, picks up the bin.)

(Prof Green opens the house up.)

**Rangers 2-5:** *We'll put up curtains!*

(Each Ranger sticks the curtains to the insides of the windows.)

**Ranger 6:** *I'll insulate the loft!*

(Sticks cotton wool in the loft.)

**Rangers 7, 8:** *We'll switch off the TVs!*

(Rangers stick 'off' TVs over the 'on' TVs.)

**Rangers 9, 10:** *We'll change the bulbs to energy-saving light bulbs!*

(Stick energy-saving bulbs over the old traditional ones.)

**Rangers 11, 12:** *We'll turn off the taps!*

(Stick non-dripping taps over the dripping ones.)

(Prof Green closes the house up.)

**Ranger 13:** *I'll put a solar panel on the roof!*

(Sticks solar panel photo on roof.)

**Ranger 14:** *I'll put up a wind turbine!*

(Sticks paper windmill onto the roof.)

**Ranger 15:** (Wordlessly turns the miserable mouth up the other way into a smiley mouth.) (Laughter.)



**Song:** (Sing twice to the tune of **'If You're Happy and You Know It'**. Pupils play the more noisy instruments and clap hands. This should be a rousing song.)

**Now Your House is Feeling Happy**

**Now your house is feeling happy, clap your hands!** (Clap Clap)

**Now your house is feeling happy, clap your hands!** (Clap Clap)

**Now your house is green and grateful – as it is no longer wasteful,**

**Now your house is feeling happy, clap your hands!** (Clap Clap)

**Prof Green:** *Ah. That's better. My work here is done.*

**Ranger 25:** *Oh no it's not, Professor. Tell us how we get electricity.*

**Prof Green:** *Well.....*



# Power Station Drama Instructions



Divide the class into 3 groups. One group will be a power station fired by coal, one will be a wind farm and one will be a hydro-electric station.

Choose a narrator for each group, or an adult could read the narration script.

The **COAL-FIRED POWER STATION** group stands up.

**Narrator:** This is a coal-fired power station.

**Action:** Some pupils in the group hold their arms out in front pretending to be round pieces of coal. They say '**Brrm! Brrm! We are coal arriving in a lorry**' pretending to be jiggling around in the back of a lorry.

**Narrator:** The coal goes into a big furnace.

**Action:** Some pupils are the furnace, standing in a circle holding their hands up high in the middle saying '**Roar Roar! We are the furnace**'.

**Narrator:** The burning coal boils water and produces lots of steam.

**Action:** Some pupils are steam, standing in a row. They shoot out their arms saying '**Shhhhh! Shhhhh! We are steam**'.

**Narrator:** Unfortunately, burning coal also produces greenhouse gases.

**Action:** Choose a natural extrovert in the class to play the greenhouse gases as a pantomime villain. He/she says: '**Ha ha ha ha! I'm a greenhouse gas! I can cause climate change!**' All the other pupils boo and hiss.

**Narrator:** The steam makes the turbines go round.

**Action:** Some pupils are the turbines going round and round (slowly and holding their arms out to the side, we don't want dizziness) saying '**Whirr Whirr! We are turbines**'.

**Narrator:** The turbines make electricity.

**Action:** The remaining pupils are electricity pylons, holding their arms above their heads saying '**Click! Click! Click! We carry electricity**'.

Allow the pupils to perform their actions together for a few moments to get the feel of a working coal-fired power station, then stop. The pantomime villain can be running round saying '**Ha ha ha ha!**'

The **HYDRO-ELECTRIC GROUP** stands up.

**Narrator:** This is a hydro-electric power station.

**Action:** Some pupils in the group pretend to be water saying '**Whoosh! Whoosh! We are the water**' bending their knees and bobbing up and down, waving their arms like waves.

**Narrator:** The water makes the turbines go round.



**Action:** Some pupils are the turbines going round and round (slowly and holding their arms out to the side, we don't want dizziness) saying **'Whirr Whirr! We are turbines'**.

**Narrator:** The turbines make electricity.

**Action:** The remaining pupils are electricity pylons, holding their arms above their heads saying **'Click! Click! Click! We carry electricity'**.

Allow the pupils to perform their actions together for a few moments to get the feel of a working hydro-electric power station, then stop.

**The WIND FARM GROUP stands up.**

**Narrator:** This is a wind farm.

**Action:** Some pupils in the group pretend to be the wind saying **'Whoooo! Whoooo! We are the wind!'** waving their arms in big expansive circles.

**Narrator:** The wind makes the windmills go round.

**Action:** Some pupils are the windmills going round and round whirling their arms saying **'Chukka Chukka Chukka! We are windmills'**.

**Narrator:** The windmills make the turbines go round.

**Action:** Some pupils are the turbines going round and round (slowly and holding their arms out to the side, we don't want dizziness) saying **'Whirr Whirr! We are turbines'**.

**Narrator:** The turbines make electricity.

**Action:** The remaining pupils are electricity pylons, holding their arms above their heads saying **'Click! Click! Click! We carry electricity'**.

Allow the pupils to perform their actions together for a few moments to get the feel of a working wind farm, then stop.

**Narrator:** What's missing from the hydro-electric power station and the wind farm?

(Lots of hands should go up to give the answer 'greenhouse gases'.) If not, the pantomime villain should jump up saying 'Ha ha ha ha!'. He/she should do this even if the correct answer is given. Boos and hisses.

**Narrator:** Only the coal-fired power station gives out greenhouse gases.

**For a finale, get all three groups standing up performing their roles simultaneously, making lots of noise and movement which reaches a crescendo.**

**Then, at a signal from the teacher, stop, pause and shout:**

**'AND THAT'S ELECTRICITY!'**

**Prof Green** (Winks at the audience): *So now you know all about it!*