

HOME:Zero

Created By Makers Of Imaginary Worlds

Commissioned by Nesta
and National Gallery X
(The National Gallery and
King's College London)



A playful interactive experience reimagining a sustainable future



Suitable for children aged 6-10 and their families

HOME:Zero pledges

TRAVEL

Switch to a fully electric vehicle - take an electric vehicle for a test drive or explore government grants

Drive less - walk or cycle if it's less than a 5 minute drive, and consider taking a bus or train for longer journeys

Fly less - minimise long haul and short haul flights, and take more holidays in the UK

Use a refillable bottle, and take a reusable straw and cutlery with you

ENERGY

Switch your electricity to a renewable or green tariff - almost all suppliers have them now

Get a smart meter installed - ask your supplier, they are responsible for installing at no extra cost

Use less energy for heating - only heat the rooms you're using and turn it off when you're out

Improve your home's energy efficiency - use draught excluders, increase your insulation or get double glazing (or ask your landlord to)

HOME

Shift towards a more sustainable diet - learn a new plant-based recipe or cook something you like with a meat alternative

Reduce your food waste - try making meals with your leftovers, or freezing food soon after purchase

Choose more local and seasonal produce in your food shop

Try to use less single-use plastic at home

Buy clothing second hand, wear what you have until it's worn out or swap with family and friends

FINANCE

Switch your current or savings account to a greener bank

Switch your pension or investments to an ethical plan

OTHER

Make greener choices based on a 'sustainability' label, for example choosing a "Green Hotel" or a "Green Supermarket"

Make your products last longer, for example by repairing electronics, clothing and furniture at least once (or trying) before you replace

Spread the word! Speak to 3 family members / friends about climate change and the actions you've taken

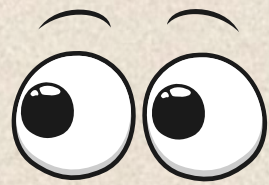
About HOME:Zero installation

HOME:Zero is an art installation in which visitors enter a fantastical world where time is limited. They make extraordinary things happen when they imagine a more sustainable future in this playful interactive installation where National Gallery paintings provide a magical starting point to think creatively about our own homes.

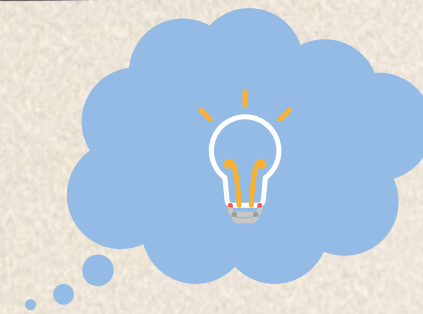
This unique project has been co-designed with Nottingham families to encourage us all to reimagine how we can make a sustainable difference starting at home.

Introduction

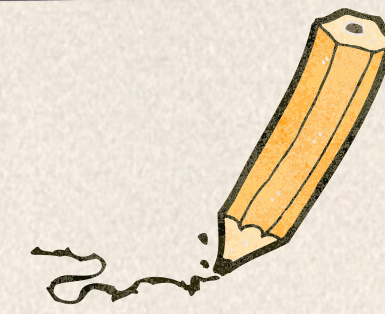
The following pages contain the ten paintings from the National Gallery's collection, used in the HOME: Zero installation. It's designed to take closer look at the paintings and to continue activities with children after visiting the installation.



Ask your child to 'let their eyes take a walk around the painting' and talk about what they see. See this link- 'How to read a painting' on National Gallery's website.



Imagine how the painting can help us think about making our world greener. Look at the collage next to each painting for clues.



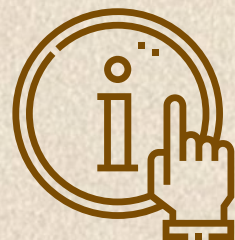
After discussing the paintings, children can draw and/or make their own inventions for a greener world by using recycled materials.

Click on the button  to find more information about each painting and view a larger version.

Share your images with us on Twitter #HomeZero



A Windmill by a River
Jan van Goyen
1642



A Windmills were invented in the 4th Century

wind power
Nature + clean energy

A Windmill by a River
Jan van Goyen

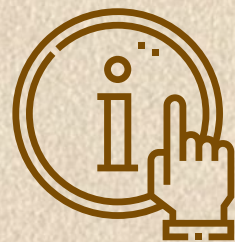
A windmill is a structure that converts wind power into energy.

flour mills

Wind Power



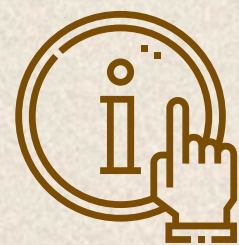
The Water Cistern ('La Fontaine')
Jean-Siméon Chardin
(possibly 1737-9) 1733



Water Conservation



An Alchemist
Adriaen van Ostade
1661



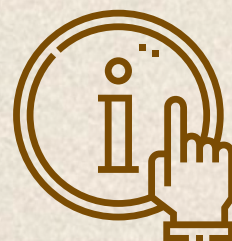
Sustainable Home



Still Life with Lemons in a Wicker Basket
Juan de Zurbarán
about 1643-9

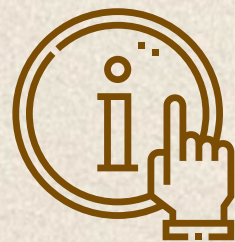


Biodiversity





Landscape with a Watermill
François Boucher
1755



Natural energy



A Woman and a Fish-pedlar in a Kitchen
 Willem van Mieris
 1713

blankets to keep the houses warm?

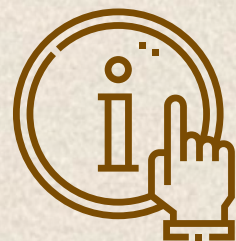
create this keep us warm
 fixes the kitchen like a jigsaw puzzle
 keep a cat warm

CAUTION CAUTION CAUTION **HOT!**

soil warm underground house?

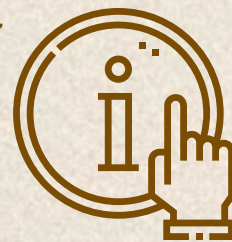
A Woman and a Fish-pedlar in a Kitchen
 Willem van Mieris

Keeping a house warm

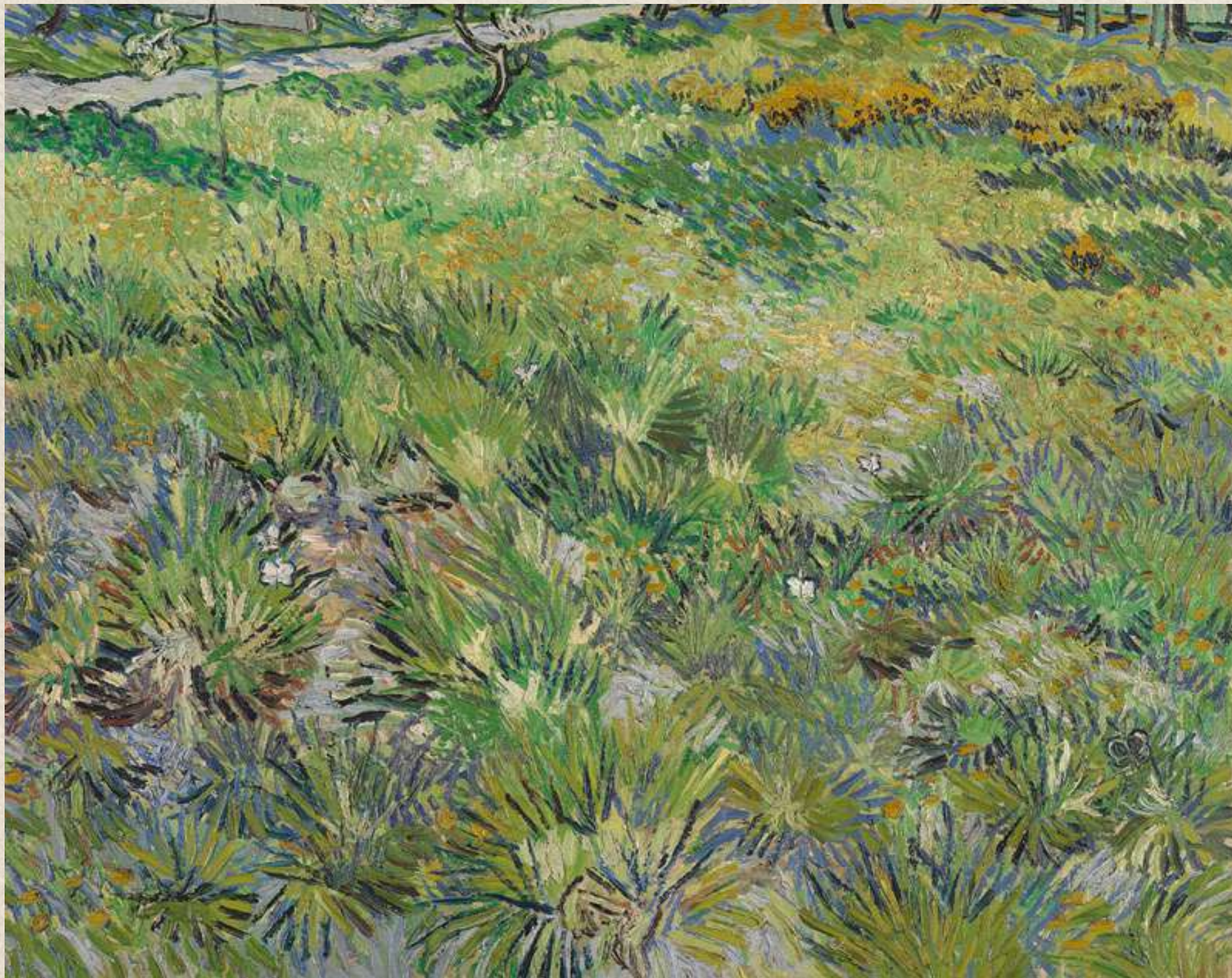




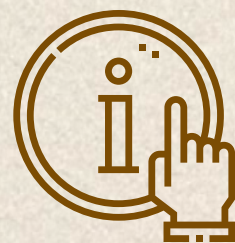
An Old Peasant caresses a Kitchen Maid in a Stable
David Teniers the Younger
about 1650



Reuse & recycle



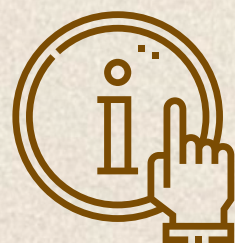
Long Grass with Butterflies
Vincent van Gogh
1890



Greener homes



Interior of a Tailor's Shop
Quiringh van Brekelenkam
about 1655-61

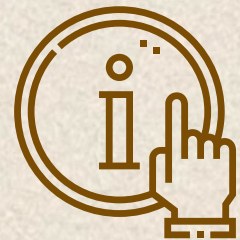


Interior of a Tailor's Shop
Quiringh van Brekelenkam

Repair culture



The Stove in the Studio
Paul Cézanne
about 1865



The Stove in the Studio

air = heat?
pump

By i.e. *Make*


Charcoal use because of *no smoke* in cooking

Cook By Solar i.e. Magnifier to create heat.

Extracts Collects smoke → Collection → Condenser → Gravity to Drain

Kitchen

Eco cooking & heating the house

A spiral-bound notebook with a textured, light brown paper cover and a matching paper page. The page is framed by a thick, hand-drawn black border. The spiral binding is visible at the top edge. The text is written in a brown, cursive font at the bottom of the page.

Draw your invention for a Greener world



<https://makersofimaginaryworlds.co.uk/homezero/>

Commissioned by



nesta

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University of Nottingham
Institute for Policy and Engagement



University of Nottingham
UK | CHINA | MALAYSIA

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LEAD:NG



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