

Project/Resource details:

The [Moths to a Flame](#) project helps children and young people engage in the call for urgent action on the Climate Emergency into a magnificent mass-participation art installation at COP26, Glasgow 2021.

EVERYONE is invited to join this NATIONWIDE creative response to the Climate Emergency to help us make 20,000 moths and record messages for the Moths to a Flame installation at COP26.

Moths to a Flame is a project organised by Art and Energy - an England based charity. Play Scotland are delivering this project across Scotland and are looking for settings to run this workshop in.

Through this workshop children will:

- Think about energy and its possibilities
- Explore the natural world and observe real moths near you
- Create simple hand-crafted and digital moths to join the exhibition
- Record your climate hopes for the future and
- Send a message to World Leaders at COP26.

What we will bring:

- A battery powered moth trap (The light is controlled by a solar switch - the light automatically comes on at dusk and switches off at dawn).
- Moth ID book and observation pots.
- UV and black marker pens, plus UV torches and a UV flood light to make milk bottle moths
- Activity sheets
- Extra milk bottles
- The Moth's Whisper storybook
- Stickers

Materials you need to supply include

- Clean recycled milk bottles
- Scissors
- Additional markers if you want
- Smart devices if you would like to do the Augmented Reality or Record Message of Hope activities

Activities on offer

Activity	Duration	Resources
Moth Survey	1hr in PM. 1hr in AM	Moth trap & Moth ID tools, record sheet
Make milk bottle moths	1hr	Templates, milk bottles, scissors, marker pens.
Colour an Augmented Reality moth	45min-1hr	Instruction video and colouring sheet on website. Colouring pencils, Smart device with QuiverVision app.
Read 'The Moth's Whisper' illustrated storybook	20min	Book
Record messages of hope	45min	Smart device or activity sheet
Energy Walk	45min-1hr	Activity sheets, suitable outdoor clothing
Activity sheets	20min-1hr	Activity Sheets

FAQs

1. Why moths?

Moths are what's known as an indicator species, and they have been in rapid decline for years.

Moths are drawn to light and energy and therefore into hazardous situations - much like humans!

This project uses the moth as a metaphor for our relationship with energy.

The project invites us to explore energy and the world of moths in order to better understand ourselves and the impact of our actions through creativity.

2. How much does it cost?

This art workshop is offered for free. We do incur costs for our practitioners and resources therefore we ask for a £50 optional donation to Play Scotland. If this is not affordable we are still happy to run this workshop.

3. Evaluation

The staff and participants are asked to complete evaluation forms at the end of every workshop. All feedback is anonymous but data and quotes may be used in funding reports, press releases, or on social media.

4. Photography / Videography

Before the workshop, we ask setting staff to ensure that parents have been asked to sign consent forms for video and photography. If parents would prefer their children are not included in this, those children will be offered a sticker to wear on their top to ensure they are not included.

5. Setting Staff Presence

A qualified setting staff should be present at all times unless agreed prior to the workshop.



Play Scotland Photography and Video Consent Form

Play Scotland is the national organisation driving the play agenda in Scotland. We are delivering an art workshop to get children engaged in the COP26 Climate Conference in Glasgow.

We would be grateful if you would fill in this form to give us permission to take photos and videos of your child and use these in our online and printed publicity, press releases, and funding bids.

Please fill out one form per child.

I agree as follows:

1. I understand that filming and/or photography will be used for the purpose of the Play Scotland project evaluation videos and in future may be used for fundraising, publicity or other purposes to help achieve the group's aims. This might include (but is not limited to), the right to use the images in printed and online publicity, social media, press releases and funding applications.
2. I hereby irrevocably grant **Play Scotland**, the absolute, perpetual, worldwide right to use my film/images, in any media whatsoever now known or hereafter developed in perpetuity.
3. I understand that I do not own the copyright to the film/images, and hereby waive any rights that I may have with regard to the them, whether existing now or in future, including any image or privacy right.
4. I confirm that, to the best of my knowledge and belief, there is no reason why I should not appear in the films, and no reason why my being featured should cause public disrepute to, conflict with, or otherwise adversely affect the work of Play Scotland.

TO DO BE COMPLETED BY PARTICIPANT

.....
Signature

.....
(print name)

.....
Date

MUST BE COMPLETED BY PARENT OR LEGAL GUARDIAN IF PARTICIPANT IS UNDER 18 YEARS OF AGE

I represent that I am the parent or legal guardian of the minor who has signed the above release, and I hereby agree that the said minor and I will be bound thereby.

PARENT/LEGAL GUARDIAN

.....
Signature

.....
(print name)

.....
Date

Risk Assessment Guidelines for Moths to a Flame Workshops 2021

Hazard	Associated Risk	Likelihood	Severity	Control Measures	Responsibility
Moth trapping	Electrical equipment			<p>Main electronic elements have been encased in a labelled box which should not be opened by the school.</p> <p>The box has a laminated label for staff to write their details on when the trap is outside.</p> <p>The moth trap should be located in a dry area.</p> <p>This risk should be explained to the children.</p> <p>The battery charger selected is very simple to use. The Victron's VRLA batteries supplied are low risk – they are exempt from DOT Hazardous Material Regulations, IATA Dangerous Goods Regulations, and IMDG Code.</p> <p>Whilst charging the batteries should be placed in a ventilated area, out of reach of children and out of direct sunlight / heat sources.</p>	Supervising adults
	- Risk of Fire	1	5		
	- Risk of electric shock	1	5		
	- Risk to health and environment from battery acid	1	5		
	- Risk during battery charging	1	5		
	Breakages to equipment	4	2	The moth trap should be handled with care, placed in a safe place and packed away using the packaging provided when not in use.	
	Be aware that other insects may go into the trap	3	2	The solar switch means that day flying insects should not be trapped. When opening the trap and searching through the egg boxes, be gentle and careful.	
Moths might be damaged or die	4	2	Children and adults should advised and shown how to be gentle with the moths in the trap and handle them with care. It is advisable not to keep them in the observation pots for too long or to put those pots in places where they could overheat.		

				Moths should be released after observation.	
Crafting	Cuts from scissors	2	3	Children should be supervised when using scissors and pens	Supervising adults
	Marks from pens could land up on tables, clothes or skin and will be difficult to wash off.	5	2	Protect tables and warn children	
	Injury from sharp needle point	3	2	Needle to be used by an adult. Sharing of needles should not occur in case of contamination.	
UV Floodlights	Damage to eyes	1	5	Children warned not to shine the lights in people's eyes and advised not to stare at them	Supervising adults
Heavy boxes	Damage to backs and bodies	3	4	Only adults should lift the box and we encourage you to use the rope handles to lift the box and follow safe lifting guidelines.	Supervising adults