

THEORY OF CHANGE – Young Climate Warriors – 21 October 2024

THIS IS A WORKING DOCUMENT – not formatted for external presentation.

Our Vision :

For every child in the UK to feel engaged and empowered to be able to reflect, discuss and choose their own informed path of action in relation to climate change.

Our Mission:

To advance the climate literacy of all children aged 7-14yrs, in the UK, by providing free resources to all teachers, educators, families and community groups

To inspire a nationwide team of 'young climate warriors', who are choosing to practice carbon-cutting actions and make sustainable living choices.

(Overview – nb – Behaviour change – requires at a highest level: CAPABILITY, OPPORTUNITY and MOTIVATION)

GOAL: Advance climate literacy and engage and empower children (7–14yrs) in the UK

AUDIENCE: Children

	Activity	Outputs – 23/24	Outcomes	Measure	Risks/assumption
Sub-goals					
Increase awareness of climate change	Assemblies, CCC in a Box, Weekly teachers email + challenges, DofE challenges	Assemblies shared. Eco-clubs using resources Weekly challenges shared DofE participant completions.		No of Assemblies shared No YCW resources requested/downloaded. Eco-clubs using resources. No weekly challenges opened. No weekly teachers emailed opened. No DofE participants Survey: 'Increasing awareness and understanding' Google: 'awareness' Kahoot: 'general climate change question' DofE feedback: 'didn't know before'	
Improve understanding of climate science and climate-related issues	Assemblies, CCC in a Box DofE challenges	Assemblies shared. Eco-clubs using resources DofE participant completions.		Assembly climate science movie shared with XX pupils. CCC in a Box – Climate Science topics downloaded. CCC in a Box – teachers questions Kahoot: Climate Science questions DofE feedback: 'didn't know before' + another new question	
Engage and empower children (provide opportunities) and	CCC in a Box 'takeaway actions'	Eco-clubs using resources		Eco-clubs using resources 3 challenge award participation Interaction with children – hello@ycw Interaction with dofe@ycw	

inspire (help motivate) them to take action	Weekly challenges DofE challenges	Weekly challenges shared DofE participant completions.		Interaction with ccc@ycw Kahoot: 'empowered to take action' DofE feedback '	
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GOAL 1 – RELATED QUESTIONS – Advance climate literacy and engage and empower children (7–14yrs) in the UK

OVERALL – SURVEY (teachers – annual – could get total pupil numbers for 45 teachers who have replied)

- Approximately how many pupils do you share the resources with – and in what way do you share them?
- Which statements do you agree with? Tick all that apply – Young Climate Warriors resources have helped me by:
Increasing awareness and understanding
~~Stimulating climate change discussion at school~~
Helping my pupils develop their own 'sustainable living' skills
Encouraging my pupils to embrace a shared responsibility for looking after our planet
Engendering a 'stubborn optimistic' attitude – together we can help
- Following engagement with YCW materials have you noticed your pupils 'making more sustainable living choices'?
- Following engagement with YCW materials have you noticed your pupils sharing more conversations about climate change?

ASSEMBLY – GOOGLE (Assembly feedback from teachers – currently not well constructed)

Needs to be designed

- Q – 'Do you think our YCW Assembly has increased your pupils awareness and understanding of climate change'?
- Q – 'Do you think our YCW Assembly has increased your pupils understanding of climate science'?

CCC in a BOX – KAHOOT (CCC in a Box for pupils to complete – all multiple choice / ranking answers)

Needs to be designed

- Q – beginning AND end – How would you rate your awareness of understanding and climate change – on a scale of 1 – 10
- Q – beginning AND end – What is the main cause of climate change? (1st climate science question)
- Q – beginning AND end – What is the greenhouse effect? (2nd climate science question)

CCC in a Box – GOOGLE – FOR TEACHERS (2 months after receiving CCC in a Box resources email – or after having started using the resources)

- Q – How would you have rated your pupils 'awareness and understanding of climate change' before using these CCC in a Box resources. How would you rate your pupils' awareness now?
- Q – How would you have rated your pupils' 'understanding of climate science' before using these CCC in a Box resources. How would you rate your pupils' understanding now?
- Q – Have these resources helped your pupils engage with the climate-related issues more than they might have done before?
- Q – Do you think these CCC in a Box resources have helped your pupils feel empowered and able to take action to help combat climate change and make sustainable living choices?
- Q – Do you think these CCC in a Box resources have inspired, and motivated your pupils to reflect, discuss and choose to take action?

DofE – DofE feedback

- What are the two key things you have learnt about climate change during these D of E YCW Skills challenges – that you didn't know before?
- Which of the 'sustainable ways of living skills' that you have learnt about in each of the challenges are you likely to continue doing?
- Do you now feel that you can take action to help tackle climate change in ways that you didn't know about before? In what ways?
- Do you think there is a role for individuals to play their part in helping to tackle climate change? Has this view changed since doing these DofE YCW Skills Challenges/?

GOAL: Support teachers and educators in improving climate literacy and action

AUDIENCE: Schools/Home schoolers/Community groups – teachers / educators

	Activity	Output	Outcome	Measure	Risks/assumption
Sub-goals					
Support high quality climate education in schools – including provision of high quality Eco-clubs resources.	Assembly CCC in a Box Weekly teachers email	Resources chosen by teachers. Resources shared on other 'QA' platforms.		No of teachers requesting resources. Survey: 'Rate our resources' Survey: 'Recommend our resources' QA'ed resource sharing platforms. Qualitative feedback.	
Support school cultural shift (changing motivations) 'talking about climate change' – providing opportunities to reflect, discuss and make choices	Assemblies CCC in a Box Weekly teachers email	Assemblies shared Eco-clubs using resources		No of assemblies. No eco-clubs. Survey: 'stimulate discussion'. Survey: 'more conversations' Kahoot: 'talking more about CC	
Support schools 'climate engagement and opportunities for	Weekly teachers email/challenges	'Newsletter text/weekly challenge' shared with parent body 3-challenge award		Newsletter/challenge parent body circulation figures. 3 challenge award participation	

action' with community					
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GOAL 2 – RELATED QUESTIONS – Support teachers and educators in improving climate literacy and action

OVERALL – SURVEY (teachers – annual – could get total pupil numbers for 45 teachers who have replied)

- How do you rate our resources (1 – 5)
- Which of our resources do you regularly use or share (tick all)
- Approximately how many pupils do you share the resources with – and in what way do you share them?
- Which statements do you agree with? Tick all that apply – Young Climate Warriors resources have helped me by:
~~Increasing awareness and understanding~~
 Stimulating climate change discussion at school
~~Helping my pupils develop their own 'sustainable living' skills~~
 Encouraging my pupils to embrace a shared responsibility for looking after our planet
 Engendering a 'stubborn optimistic' attitude – together we can help
- Following engagement with YCW materials have you noticed your pupils 'making more sustainable living choices'?
- Following engagement with YCW materials have you noticed your pupils sharing more conversations about climate change?

ASSEMBLY – GOOGLE (Assembly feedback from teachers – currently not well constructed)

- (current question)... our funders need to know ... do you think you'll do anything differently after today's assembly? – Even little changes ... 'Little by little, a little becomes a lot!'

Needs to be designed

- Q – How would you rate the quality of the 'climate education' element of our YCW Assembly – on scale of 1-10?
- Q – 'Do you think our YCW Assembly has helped support a cultural shift towards more 'talking about climate change' in your school?
- Q – 'Do you think our YCW Assembly helped provoked discussion about climate change amongst your pupils?

- Q – ‘Do you think our YCW Assembly helped suggest opportunities and ideas for action that your pupils might like to choose to follow up on?’

CCC in a BOX – KAHOOT (CCC in a Box for pupils to complete – all multiple choice / ranking answers)

Needs to be designed

- Q – beginning AND end – Do you think there is enough ‘climate conversation’ happening in your school – on a scale of 1 to 5?
- Q – end – Did these CCC in a Box resources help provoke discussion within your Eco-club?
- Q – end – Did you like doing the ‘takeaway actions’ each week?

CCC in a Box – GOOGLE – FOR TEACHERS (2 months after receiving CCC in a Box resources email – or after having started using the resources)

- Q – Have you used these CCC in a Box resources in your school ‘Eco-club’?
- Q – How would you rank the ‘quality’ of these climate education resources (on a scale of 1 to 5)
- Q – Have these CCC in a Box resources helped support an ease of ‘talking more about climate change’ in your school?
- Q – Have these CCC in a Box resources helped provoke discussion about climate-related issues in your Eco-club?
- Q – Have your pupils welcomed the opportunities and ideas – such as the ‘takeaway actions’ included within these CCC in a Box resources?

GOAL: Encourage families to learn about climate change, take carbon-cutting actions and make sustainable living choices, inspiring societal-wide behavioural change.

AUDIENCE: Families and wider community

	Activity	Output	Outcome	Measure	Risks/assumption
Sub-goals					
Share climate-related inspiring resources, provoking discussion, building capability, and providing opportunities for action within families and community organisations.	Weekly topic 'newsletter' Weekly challenges CCC in a Box 'takeaway actions' DofE challenges Resources for community organisations	Newsletter text/weekly challenge' shared with parent body. Weekly challenges circulated to families – getting out in nature/sustainable living skills. CCC in a Box 'takeaway actions' 3-challenge award – shared beyond school. DofE participants – and parents feedback	More time spent in nature leads to a positive attitude towards taking action	Newsletter/challenge parent body circulation figures. 3-challenge award figures No weekly challenges opened. CCC in a Box – takeaway actions undertaken. No DofE participants – and shared with their families No. community groups supported. (database)	

GOAL 3 – RELATED QUESTIONS – Encourage families to learn about climate change, take carbon-cutting actions and make sustainable living choices, inspiring societal-wide behavioural change.

OVERALL – SURVEY (teachers – annual – could get total pupil numbers for 45 teachers who have replied)

- Approximately how many pupils do you share the resources with – and in what way do you share them? (Newsletter is one of the options)
- Following engagement with YCW materials have you noticed your pupils sharing more conversations about climate change?

CCC in a BOX – KAHOOT (CCC in a Box for pupils to complete – all multiple choice / ranking answers)

Needs to be designed

- Q – end – Did you like doing the ‘takeaway actions’ each week?

CCC in a Box – GOOGLE – FOR TEACHERS (2 months after receiving CCC in a Box resources email – or after having started using the resources)

- Q – Have your pupils welcomed the opportunities and ideas – such as the ‘takeaway actions’ included within these CCC in a Box resources?

DofE – DofE feedback

- Do you think there is a role for individuals to play their part in helping to tackle climate change? Has this view changed since doing these DofE YCW Skills Challenges?
- Have you talked about these weekly challenges with your family, teachers, friends or relatives? Did you / they enjoy the conversations?
- Do you think your family or friends might be more or less interested in helping to tackle climate change because of your involvement in this initiative?

DofE – PARENTS feedback

- Did XX's involvement in this initiative spill out to a wider group of people – eg his family?

GOAL: Supporting YOUNG PEOPLE (14-23yrs) in building skills to become 'green leaders'

AUDIENCE: Young people

	Activity	Output	Outcome	Measure	Risks/assumption
Sub-goals					
Train and support young people, building climate capability , through sharing climate change discussions with younger children.	Ambassador programme	Number of Ambassadors trained and delivering assemblies.		No. Ambassadors. No. Assemblies shared per Ambassador Ambassador feedback (to be designed)	
Support young people on a 'climate journey' building a deeper capability set for climate action and sustainable living.	DofE programme	Duke of Edinburgh Approved Provider – Participants completing 3 month journey.		No DofE participants. DofE feedback DofE parent feedback	

GOAL 4 – RELATED QUESTIONS – Supporting YOUNG PEOPLE (14-23yrs) in building skills to become 'green leaders'

Ambassador feedback

- We could design some questions ... haven't yet?!?! (we only ask for specific feedback after each assembly)
- Q – Has your role as a YCW Ambassador increased your confidence in sharing climate change discussions with other people?
- Q – Has being a YCW Ambassador increased your interest in helping to lead 'climate-related' initiatives?
- Q – Has your role as a YCW Ambassador enhanced your ability to think about sustainable living choices being made by individuals.

- Q – Do you now feel that you can take action to help tackle climate change in ways that you didn't know about before? In what ways?
- Q – Which of the 'sustainable ways of living skills' that you have discussed with children in the Assembly are you likely to undertake yourself?
- Q – Do you think there is a role for individuals to play their part in helping to tackle climate change? Has this view changed since before becoming a YCW Ambassador?

DofE – DofE feedback

- Which of the 'sustainable ways of living skills' that you have learnt about in each of the challenges are you likely to continue doing?
- Do you now feel that you can take action to help tackle climate change in ways that you didn't know about before? In what ways?
- Do you think there is a role for individuals to play their part in helping to tackle climate change? Has this view changed since doing these DofE YCW Skills Challenges/?
- Have you talked about these weekly challenges with your family, teachers, friends or relatives? Did you / they enjoy the conversations?
- Have you been inspired by some of the entrepreneurs and pioneering projects you've learnt about? Do you think they might influence your future studying, career choices, or jobs?