

# UVHS Learning Through Enrichment

## Climate Change Careers



*British Science Week & the UVHS Science Department have come up with lots of little activities to inspire you to learn about climate change careers! Instructions are below to help you complete each task ☺*

- ✓ **Task 1:** Complete the mind map to identify the different causes of climate change. Use the internet to help you too!
- ✓ **Task 2:** What careers might help the fight against climate change? Research between 1-3 careers using the guidance.
- ✓ **Task 3:** Think about yourself- what skills do you think that you have? Circle them on the list and also use the space to write your own. Have a think about a career that you would enjoy.



### CLIMATE CHANGE CAREERS

Did you know that as climate change is escalating, the demand for careers that are helping to fight it is also growing? Many universities now offer degrees in environmental sciences and many career routes now include options to help protect the environment. In this activity, you will find out more about jobs in the environmental sector that you might enjoy, from renewable energy engineering to sustainability management.

🕒 30 minutes paper activity +  
30 minutes to discover more on the webpage

**Skill set** Committed, passionate, tenacious



**Recommended by:** Mrs Hodgson



**Don't forget to share your progress on Teams ☺**

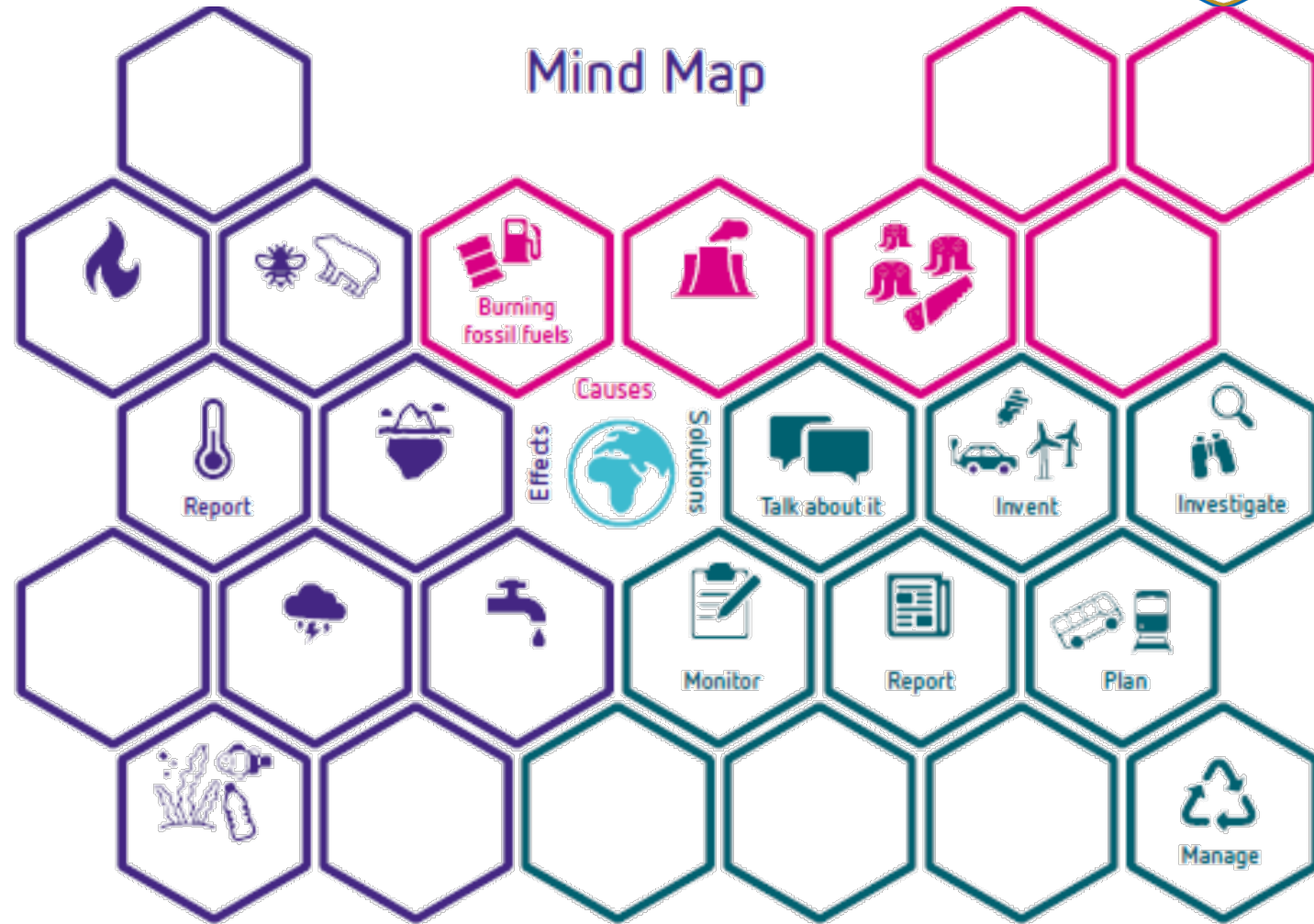
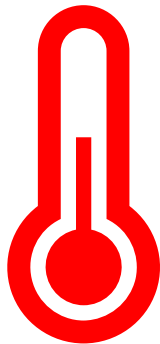
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### Task 1:

- Complete the mind map to identify the different causes of climate change.
- Use the internet to help you too!



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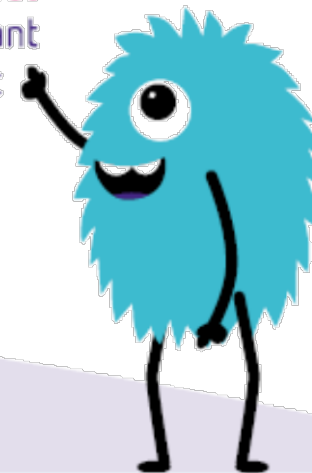


### >> CAREER AND CLIMATE CHANGE ACTIVITY SHEET

Zoologist  
Clean car engineer\*  
Water engineer Quarry manager  
Environmental lawyer Minerals surveyor  
Agronomist Environmental health practitioner  
Nature conservation officer Bioclimatic architect  
Marine biologist Environmental education officer  
Horticultural consultant Forester Farm manager  
Ecologist Commercial horticulturist Town planner  
Water quality scientist Geophysicist Civil engineer  
Amenity horticulturist Plant breeder Site chemist  
Sustainability and Climate Change Manager Vet  
Climatologist Soil scientist Flood risk consultant  
Environmental engineer Conservation scientist  
Transport planner Sustainability consultant  
Geomatics surveyor Oceanographer  
Environmental Campaigner  
Mining engineer  
Energy engineer  
Recycling officer  
Hydrologist

### Task 2:

- ✓ What careers might help the fight against climate change?
- ✓ Research between 1-3 careers using the ideas on the left to help you 😊



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### Task 2:

- ✓ What careers might help the fight against climate change?
- ✓ Research between 1-3 careers using the ideas on the left to help you 😊

#### Title: Bioclimatic architect

**Purpose:** To design buildings in harmony with natural surroundings and use of means like solar radiation and air flow for heating and cooling.

#### Some day-to-day duties:

- Produce detailed workings, drawings and specifications
- Specify the nature and quality of materials required
- Keep within financial budgets and deadlines
- Assess the impact on the local environment

**How to get it:** Through studying to become an architect at university, or an architecture apprenticeship. Alternative routes also include practice based qualifications.

**Average salary:** £40,000 with 5 years of experience

#### Title:

**Purpose:**

#### Some day to day duties:

**How to get it:**

**Average salary:**



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**Task 3:** Think about yourself- what skills do you think that you have? Circle them on the list and also use the space to write your own. Have a think about a career that you would enjoy.

Your strengths, skills and interests

teamwork      kindness      ambition      time management  
creative thinking      report writing      helpfulness      resilience  
problem solver      good listener      caring      curious  
well organised      communicative      experimentative      dedication  
open minded      planning      logical      researching sources  
reasoning      design      negotiating      attention to detail  
investigating      constructing an argument      debating  
calm under pressure      positive attitude      leadership  
friendly      self motivated      reliable      independent

Your career goals

Steps to take in order to achieve your goals


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