**1. Scientific Background**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| Pupils understand that some human activity causes pollution in the air which is affecting the world’s climate / making the world hotter quickly | Topic and DT in Year 1 | Looking at transport and effect on climate linking to wheels and axels in DT | https://docs.google.com/presentation/d/1YWSyziiwhaGV1fsx0UtOgzhWNt3rW-7V/edit#slide=id.p1 |
| Year 2 South America topic | Children to discuss deforestation and the impact this is having on our climate. **Activity:** Design your own – Save the Amazon Rainforest Poster. | [ttps://docs.google.com/presentation/d/1hak5qoalFbla5AcvGvXjDqrMg3jaLvRy/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=tru](https://docs.google.com/presentation/d/1hak5qoalFbla5AcvGvXjDqrMg3jaLvRy/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=true) |
| Pupils understand that human activity can cause air pollution |  |  |  |
| Pupils understand the distinction between ‘weather’ and ‘climate’ | Year 1 - Science Our changing seasons  Year 1 Geography Weather topic | Daily weather diary to be kept for a week.  Children have an outdoor | h[ttps://docs.google.com/presentation/d/13ktDNKFkwrhSGWx6Z\_pnUD9Pey1U9vdH/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=true](https://docs.google.com/presentation/d/13ktDNKFkwrhSGWx6Z_pnUD9Pey1U9vdH/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=true) |
| Pupils understand that climate occurs over a longer period of time than weather. |  |  |  |
| Pupils know that the climate is always changing but is changing faster today than it has before (and this is due to actions of humans) | Year 2 - Climate Day | Children to have discussion-based lesson regarding the reasons for why our climate is changing faster today.  Activity- Climate change vocabulary activity recapping knowledge and vocab surrounding this LO. | <https://docs.google.com/presentation/d/13ktDNKFkwrhSGWx6Z_pnUD9Pey1U9vdH/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=true> |
| Pupils know that trees help to cool the world down (by helping to remove dangerous greenhouse gases). | Science topic - Plants  Our Changing Seasons | Learning about the importance of trees- what they are used for and the effect of deforestation | <https://docs.google.com/presentation/d/1RmKBgB-g9iQSdOI_2CrIhkaWyNcVls4-/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=true>  https://docs.google.com/presentation/d/1uGL8qj8Mww5O\_aEpzks8vYqLLJ3p1eAr/edit#slide=id.p1 |
| Pupils know that trees absorb carbon dioxide |  |  |  |

**2. Urgency of Need for Climate Change**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| Pupils know that some impacts of our changing climate are happening now and others will happen in the future | Year 2 - Climate Day | How do we make electricity in Britain? | <https://docs.google.com/document/d/1mjHGFbaHU8o9i3XwSuRDBYoEXhvifuom/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=true>  Planning for climate Strike Day |

**3. Impacts of Climate Action**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| **Pupils understand the impacts of our changing climate on some animals, plants and environments both in our locality and elsewhere** | Geography | Y2 Arctic Topic  Revisit their understanding of how the warming up of the earth is happening using the video penguins and polar bears.  Activity- discussion based on video. | <https://vimeo.com/140200000> |
| Science - Looking at Animals |  |  |
| **Pupils know some of the impacts of our changing climate on people, both in our locality and elsewhere** | Year 2 - | Reading Comprehension Activity on Greta Thunberg | School used twinkl |
| Year 1 Geography | Look at how our changing climate can cause extreme weather. Consider the impact of this on our climate | https://docs.google.com/presentation/d/1RjDhR09m\_Mmds3qfud8UjDSVbN2cHVOB/edit#slide=id.p1 |
|  |  |  |

**4. Responses to Climate Change**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| Pupils can name some actions which would have a positive impact on the climate and some ways in which we can stop having a negative impact | Maths | Areas |  |
| Science | Discussion on Picture |  |
| Science | Discussion around the question “Where do you get Energy?” |  |
| English | Write a letter to politician |  |
| Pupils can choose some actions they / their class / their school / their family could take to have a positive impact on the climate | PSHCE- Climate Action Day - full school | Design a Year Group tree with pledges on it, that will help contribute to our climate crisis. | <https://docs.google.com/presentation/d/1K7ijJ2p3IDkU0SIqJdzFVjWIm4JqFJ0u/edit?usp=sharing&ouid=117692370638058902950&rtpof=true&sd=true> |
| History | History link- This is Leeds. Looking at Leeds then and now- including industrial revolution and how this impacts climate. | Leeds industry PP slide on google doc-  <https://drive.google.com/drive/folders/1jSDWetstZ658KWr1s-hZ4MqqIZfeG7PZ>  Activity is on the slide- use this link for the research activity  <https://www.leeds.gov.uk/plans-and-strategies/climate-change> |
| Pupils can describe at least one simple / familiar example of how a group of people are taking positive climate action together | PSHCE , Science | Linked to plant topic in Science.  Planting in school and local community | [Positive climate action.pptx](https://docs.google.com/presentation/d/1Cgi3C5nOGnwnaDBumxkRPDLtGTUKChZJ/edit#slide=id.p1) |

**5 Consumption and Climate Justice**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| Pupils understand that human activities impact the natural environment | RE | PP slide - discussion and sharing activity | [RE Viewpoints of our planet.pptx](https://docs.google.com/presentation/d/1pXAyP4JPtKG3_kDIvVZ6EE46A7ijsw4F/edit#slide=id.p1) |
| Pupils begin to group human activities they are familiar with (e.g. how they travel to school, how they use energy, what they buy) according to whether they have a big impact on the environment / climate. | Computing  Maths - pictograms | Children talk about how they travel to school. Take a class survey and tally the results. Chn to input the data on an ipad as a pictogram  Link to climate in the plenary- | [Transport pictogram.pptx](https://docs.google.com/presentation/d/1gML3D8-kvqjwoOVuvrfB4Yx65B17xIcu/edit#slide=id.p1) |
|  |  |  |
|  |  |  |
| Pupils understand that the choices they make may affect other living things including people in other parts of the world. |  |  |  |
|  |  |  |

**6 Possible Futures**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| **Pupils begin to understand that the future will be different depending on what we do or do not do now.** | PSHCE  Science | Discussion on action we can take for a greener future.  Children to write a promise to share at home | [Positive climate action at home.pptx](https://docs.google.com/presentation/d/1CzGQh6nCo6b21JIA-_goZwJ5u_A7q00h/edit#slide=id.p1) |
| **Understand the 3 principles of permaculture** |  |  |  |

**7 Mindsets and Viewpoints**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| **Pupils are exposed to different viewpoints on the Earth, e.g. that of indigenous peoples.** | Maths | Areas |  |
| Science | Discussion on Picture |  |
| Science | Discussion around the question “Where do you get Energy?” |  |
| English | Write a letter to politician |  |
| **Pupils explore stories from all different cultures about humans and our relationship with our earth** |  |  |  |
|  |  |  |
|  |  |  |

**8 Feeling and Behaviours**

| **End of Year 2 Outcomes** | **Learning Opportunities/ Subject Links** | **Learning Task/ Learning Activity** | **Resource Link** |
| --- | --- | --- | --- |
| **Pupils can talk about their own feelings about the earth, the natural world and the climate.** | English | Children are given opportunities for discussion throughout the year.  Pre and post assessments can be incorporated here |  |