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| Year 8 Graphics | **Topic: Designing the Rebellion**  **Period: 9 weeks** |
| **Overview of topic:**  This is the second graphics project that students will take part in during their secondary school experience. The project task is to design a set of ‘printing blocks’ that can be used to create a campaign to raise awareness of an issue related to Climate Change. As well as using Adobe Photoshop to manipulate and organise their images to create a poster, students will also have their designs laser cut to make printing blocks that can be used to print their designs by hand. If time allows, students will use their laser cut printing blocks to print other campaign items such as t-shirts or flags. The project aims to build on previous learning in that, students will continue to develop their drawing skills and investigate the ways in which their images can be used to communicate impactful messages and encourage people to change their behaviour. | |
| ***Key******knowledge:***  **The Printing Process**: Students will gain a working knowledge of how the block printing process works and other printing processes that are used in industry.  **Climate Change**: Students will learn about what Climate Change is and some of the causes as well as some further detailed information about a chosen aspect of it such as ‘Ocean Plastic’ or ‘Loss of Biodiversity.’  **Adobe Photoshop**: Students will know how Photoshop can be used to manipulate images.  **Activism**: Students will know what activism is and will be aware of selected historical examples.  **Binary Images**: Students will know what binary images are, what they are used for and how to make their own using a combination of digital and ‘by hand’ techniques.  **CAD/CAM**: Students will have an introduction to CAD/CAM and a demonstration of how it can be used to cut and engrave. This will support knowledge in other areas of technology.  **Key vocabulary:**   |  |  | | --- | --- | | **Tier 2** | **Tier 3** | | Climate Change  Printing  Block  Text  Image  Centre  Voice  Message  CAD/CAM  Copy  Paste  Research  Plan  Fossil Fuels | Deforestation  Acidification  Extinction  Biodiversity  Composition  Activism  Visualization  Manipulate  Binary  Communicate  Campaign  Mitigation  Awareness  Depict | | **Key skills:**  ***Know how to…***  **Print using blocks**: Students will start the project by gaining experience of printing using blocks. If time allows, they will also print using blocks they have made themselves.  **Screen Printing**: If time allows, some students will be offered the chance to try out their skills in screen printing.  **Organise/Centre Composition**: Students will know how to use a centred composition when printing posters.  **Research Skills**: Students will be asked to complete a workbook to document their research into their chosen area of Climate Change. As part of this process, they will be asked to plan how their designs (their visual representation of this research) might look.  **Campaigning Skills**: Students will be asked to develop emotive slogans and quotes using a range of literary skills in order to convince the viewer of a point of view.  **Sketching/drawing:** Students will know how to develop their own drawings using pencil and fine liner pens.  Research Skills: Students will be asked  **Visual Communication**: The project asks students to communicate their ideas and messages about Climate Change through simple black and white images.  **Adobe Photoshop**: Students will know how to manipulate photographs of their drawings. They will know how to use the functions of the paintbrush, magic wand, gradient and text tools amongst others. |
| **Co-curricular opportunities: *(ASPIRE Day, Careers, clubs, competitions etc)***  Graphics Club | **Key reading skills taught *(clarify, question, summarise, predict)* and key texts:**  Students will be asked to interpret and convert the information that they research into images and text-based drawings.  **Wider Reading Opportunities/Links:**  *No One is Too Small to Make a Difference* by Greta Thunburg  [Sussex Learning Network - The Role Models Project: What Can We Do About The Climate Emergency?](https://www.sussexlearningnetwork.org.uk/uploads/Documents/toolkits/role%20models/21_03_02_Climate_workbook.pdf) |
| **How can I use this information at home?**   * Conversation starters with your children to discuss their learning * Support your child in carrying out independent research around the topic * Visit your local library (or BorrowBox), museums, or other locations to explore the topic * Promote books/other texts that explore this topic (see reading section) * Help your child to learn the key vocabulary | |