**Microplastics on Snowdon**

This activity would also work as a self-guided activity for home working students. Students will need internet access.

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|  | Subject: PSHE | Year: KS2/KS3 | Class:  |
| Date:  | Day:  | Time/session:  |
| **Topic: Media Literacy** | Links to National Curriculum: Interpreting data sourcesWriting a report |
| Learning objectives: To evaluate digital content, learn the 4 principles of Digital Literacy and to think about the issues behind what we read on the internet. |
| Time | Lesson structure | Teacher notes/structure |
|  | **Starter: Think of a place and describe it to somebody (written or oral)** | Pictures of places on the Powerpoint will help children who can’t think of one themselvesSee our associated Powerpoint for info about evaluating digital media and these four principles.Discussion could include:* when is the oldest article dated?
* does it come from a group with a particular interest in the news?
* why is this an important finding?
* what actions are being taken as a result of finding microplastics on Snowdon?
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| Discuss as a group (if in the classroom) what digital literacy is and why it is important.Watch the BBC Bitesize video: <https://www.bbc.co.uk/bitesize/clips/zw8mtfr> Learn about the four principles of digital literacy: Comprehension, Interdependence, Social Factors, Curation.Put the term “Microplastics on Snowdon” into a Search Engine – try Ecosia which plants trees.Discuss what appears there.Can you write your own article on Microplastics – can you think of an unusual place to discover them? Think about pictures to use to illustrate your article – would you emphasise the beauty of the place they were found? What would this tell the readerApply the four principles – where would you post your article? Who would read it?  |
| Actions: what actions can we take to stop microplastics being released in the environment. Think about home, school, workplaces. What can we do? What could the government do? |
| Differentiation: Use the attached worksheet to help frame this activity for younger or less able students. |
| Links to literacy/numeracy:Writing an article for the internet uses the same skills as writing a report for any other audience. This could be used as an English lesson. | Key words/terms:MicroplasticsPlastic pollutionDigital literacy |
| Resources:InternetPowerpoint | Extension/homework:Make up a meme or short video about microplastics – where would you post it. |

**Microplastics on Snowdon: Worksheet**

**List some things you should consider when you look at information from the internet:**

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**Can you list the four principles of digital literacy and describe what they mean in your own words?**

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4. \_C\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ means \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Write your own article about plastic pollution:**

**Think of an unusual place to find microplastics:**

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**Think of a title for your article:**

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**Write the first paragraph:**

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