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| **Introduction to AI – Lesson 1** | | |
| **Learning Objective/s** | * To understand what Artificial Intelligence is | |
| **Keywords** | * Artificial intelligence * Machine learning * Algorithm * Data * Recognising * Understanding | * Predictions * Information * Bias * Ethics * Intelligence * Decisions |
| **You will need** | * Access to YouTube * Laptops/computers | |
| **National curriculum links** | * use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns about content and contact | |

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| **Activity (inc timing)** | **Description** | **Tips** |
| **1**  **What do they already know? (5mins)** | * Discuss about what do they understand about AI is. * What do the children think AI is? | * Chance to gather ideas and see their understanding. |
| **2 Watch video about AI**  **(10mins)** | * Watch this [YouTube video](https://www.youtube.com/watch?v=ad79nYk2keg). (First two mins) * What is AI able to do? (Problem solve, reason and generalised learning.) * Children write down their own definition about what AI is. | * AI is when machines or computers do tasks that usually need human intelligence, like understanding language, recognising pictures, or making decisions. * AI cannot do everything – discussion with the class what do you think AI is not able to do. |
| **3 Experiences of AI**  **(5-10mins)** | * Discuss with the class if any of the children have had any experiences of AI. * Did it save time? * How did AI help? | * Give examples of how AI could be used to support children with their own uses of AI. |
| **3 AI in the workplace**  **(20mins)** | * Look at different sectors of jobs and how AI is used. * What aspects already help jobs with AI? | * Use search techniques to support finding out information. |
| **4 Reflection (5-10mins)** | * Using the information that children have gained throughout the session answer the question – What do you think is the most exciting use or interesting use of AI? | * Chance to talk to children on their feelings of AI. |
| **Take it further:** | | |