

## **ALAN TURING - Lesson Plan (1 Lesson)**

#### LO:

- To know some basic facts about Alan Turing's life.
- To imagine how Alan Turing might have felt at key times in his life.
- To write a simple diary entry expressing Alan Turing's thoughts at two key times in his life.

### **Prior Learning:**

No prior learning necessary.

#### Child Speak LO:

- I know that Alan Turing was a codebreaker and mathematician who helped invent the computer.
- I know that Alan Turing was found 'guilty' of being gay at a time when being gay was illegal.
- I can imagine what Alan Turing might have thought at key times in his life.

#### **Resources Needed:**

- Alan Turing Assembly/Lesson Slides
- Alan Turing Video (optional)
- Alan Turing Diary Entries Activity Sheet

Alan Turing Diary Entries Activity Sheet	
Introduction	Whole Class
Use the <u>Alan Turing Assembly/Lesson Slides</u> to introduce the lesson. (NOTE - There is a brief mention of Alan deciding to 'end his own life').	
Pause on Slide 2 to Discuss:  • Do you think this machine is old or new? What makes you think that?  • What parts can you see? What might they do?  • What do you think the machine might have been used for? What makes you think that?  • What do you think the machine might have been called? Why?	
Show the remainder of the slides.	
<b>Show</b> the video (optional). (Please watch in advance to decide if this is suitable for your class. The video references Alan taking his own life).	
Complete the quiz on the final slide.	
Class Discussion	Whole Class/ Pairs
<b>Point out</b> to the class that Alan had some great highs in his life when he achieved something very challenging and some terribly sad lows.	raiis
Discuss as a class  • What do you think Alan might say were the highest and lowest points in his life?	
<ul> <li>Discuss in Pairs and Share</li> <li>How do you think Alan felt when he had succeeded in inventing a machine that could decode the enemy's messages?</li> <li>What do you think people might have said to him at the time?</li> <li>What might he have imagined the machine would achieve?</li> <li>Do you think Alan might have imagined more powerful machines that he could invent in the future?</li> </ul>	

# **Class Write** As a class, compose the (imagined) opening sentences of Alan's diary for when he knew that his Bombe machine worked and write them on the board. Recap and Explain that when Alan was alive it was illegal to be gay. When the police found out Alan was gay, he had to appear in court. He was given a choice - either go to prison or have a medical treatment that would stop him from having feelings for other men. Alan chose the medical treatment, but it made him very unhappy and he didn't feel that he could live anymore, so he ended his own life. This is very sad. Ask Is it still illegal to be gay in the UK? (No, this law was ended in 1967). **Discuss in Pairs and Share** • What emotions do you think Alan felt when he was arrested for being gay? • How do you think he felt about going to prison or having medical treatment to stop his feelings? • Do you think he wished that things were different? Do you think he hoped things would be different in the future? Class Write (optional) As a class, compose the opening sentences of Alan's diary when he is arrested and faced with this terrible choice. Individual Writing Individual Use the Alan Turing Diary Entries Activity Sheet. Children to write their own version of the imagined diary entries that Alan might have written on these two days in his life, optionally using the sentences on the board to start. Conclusion Whole Class Some children to share they diary entries for each day, either reading them to the class themselves or read by the teacher. Recap and Explain that being gay is just another way to be a human. Explain that today the UK has a law called The Equality Act 2010 which means that anyone who is gay must be treated equally. Add that the UK Prime Minister in 2009 made an official apology for how Alan was treated and that now Alan is celebrated as a hero with statues of him in public places and his face on the £50 note. Discuss

- How do we make sure everyone is treated fairly in our school?
- What can we do if we see unfair treatment in our school or in the wider world?

#### **Extra Activities Available**

- Alan Turing Video
- Alan Turing Poster
- Alan Turing Coded Messages Activity Sheet
- Alan Turing Can Machines Think? Discussion Activity
- Alan Turing Quotes Activity
- Alan Turing Colouring

(<u>Highlighted</u> resources are available at popnolly.com/membership)