

Wednesday

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The 英文虎報
Standard

小小
英語樂

Sunny
27-32°C

Code breakers

I must work out this code. It is time for Big Dee-tective!

TODAY Big Dee found a mysterious note at school. It is all made up of dashes and dots. What could these symbols say? They are in Morse code. The code was invented by Samuel Morse and other inventors in the 1830s. That means it is more than 170 years old! Although the code is really old, it is easy to use and reliable. Some people still use it now in places where telephone or internet connection is poor.

Big Dee knows little about Morse code so he is asking Bobby for help. Learn how the code works on the next page with Big Dee.

Editor's Note

Like all students, I had to be organised when studying for exams. However, I put too much effort in one subject and so had little time to revise other subjects. I got excellent scores in Science but did poorly in French. I can clearly remember what my form teacher wrote in my school report: "A mixed bag of results." Turn to G05 to learn about organising your study schedule.

Simon

Vocabulary Builder

made up of



We use 'made up of' to describe what parts form something:

- This sculpture is **made up of** lots of little screws.
- The chef explained what his delicious meal was **made up of**.

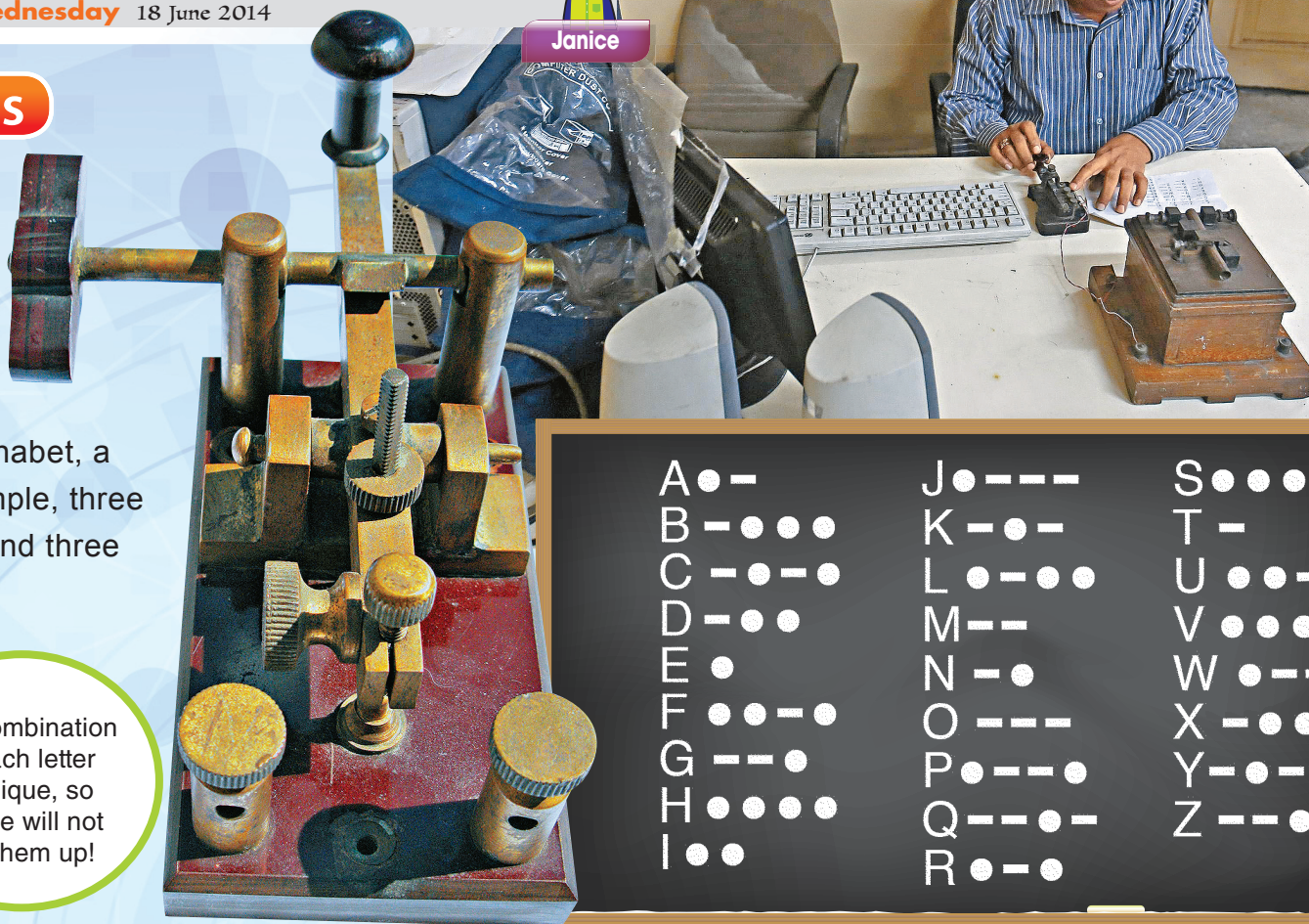
Goodies Learning Card

Morse code basics

Let's have a Morse code lesson together! Morse code is made up of dashes and dots. A dash is a long signal and a dot is a short one. We can combine the dashes and dots to form a **letter** of the alphabet, a number, or a symbol. For example, three dashes **indicate** the letter 'o' and three dots are for the letter 's'.



The combination of each letter is unique, so people will not mix them up!



A ● —	J ● — —	S ● ● ●
B — ● ● ●	K — ● —	T —
C — ● — ●	L ● — ● ●	U ● ● —
D — ● ●	M — —	V ● ● ● —
E ●	N — ●	W ● — —
F ● ● — ●	O — — —	X — ● ● —
G — — ●	P ● — — ●	Y — — — ●
H ● ● ● ●	Q — — ● —	Z — — ● ●
I ● ●	R ● — ●	

Reliable codes

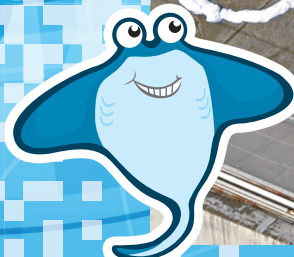
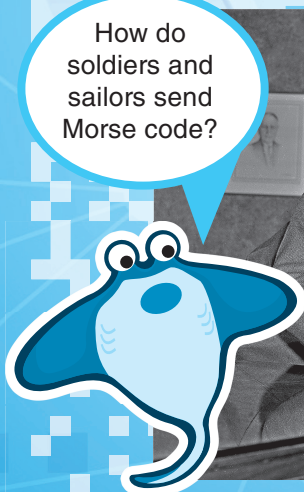
Before people had telephones and the internet, they often sent **messages** to each other using Morse code. Now we do not use the code for chatting anymore. But soldiers and sailors may use it to **communicate** over long distances. Astronauts may send out Morse code when they are in space shuttles too.

How do soldiers and sailors send Morse code?

They might make dashes and dots by **flashing** lights over the sea!

SOS does not stand for any English phrase. It is used as a distress signal because it is easy to remember.

Don't send 'SOS' to others unless you really need help!



Game

This is the mysterious note that Big Dee has found. Help Big Dee decode it!

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Answers on G12

