CYBER SPRINTERS

Nano's Secret Codes (A)

This puzzle is for children aged 7-8 or with special educational needs or disabilities. If your child would like a more advanced puzzle, try 'Glitch's Secret Codes'. Your child can use this puzzle to have fun cracking secret codes as well as creating one for you to crack! It's a great opportunity to talk with your child about keeping personal information a secret online. For help with your conversation, read our guidance about **online contact and staying safe**.

Nano has sent you a secret message!

Morse Code

A	.-
B	-...
C	-.-.
D	-..
E	.
F	..-.
G	--.
H	....
I	..
J	.---
K	-.-
L	.-..
M	--
N	-.

Nano has used Morse Code. In Morse Code different dots and dashes are used for each letter instead of their normal shape. The Morse Code for the letter H is 4 dots. It looks like this ....

Can you crack Nano's message?

The first word when you meet a friend!

....	.	.-..	.-..	---
H	E			

Write a message to Nano using normal letters:

O	---
P	.--.
Q	--.-
R	.-.
S	...
T	-
U	..-
V	...-
W	.--
X	-..-
Y	-.--
Z	--..

Now write the same message in Morse Code:

Don't forget to cover your answers!

Show your Morse Code message to your parent or carer. Can they crack your code?

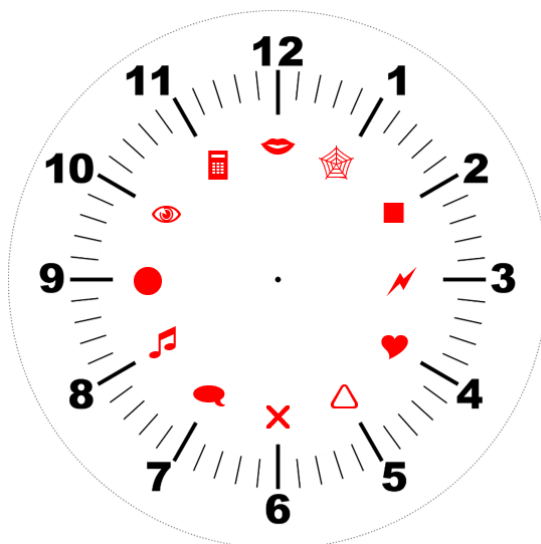|									

Clock code!

Nano's clock code has a symbol for each number. How old are you? Write your age using the clock code. If you are 8, you would use 🎵.

I am _____ years old.

A friend passes you this note in school.
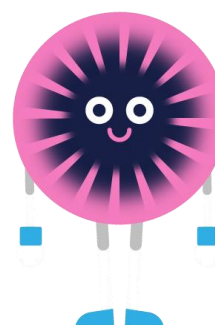
What time can they meet you? _____

> I have to go to the dentist at ♥pm. It will take 🕸 hour. Then I can meet you.

You're busy until 6pm. Write a reply to your friend to tell them when you can meet, using the Clock Code for any numbers.

What do you think personal information is? When do you think it is OK to share it online?

Your age is a type of personal information.

Answer page

Morse Code

Nano's message:

....	.	.-..	.-..	---
H	E	L	L	O

Clock code!

A friend passes you this note in school. What time can they meet you?

Your friend can meet you at **5pm.**

I have to go to the dentist at **4**pm. It will take **1** hour. Then I can meet you.

What do you think personal information is? When you think it is OK to share it online?

This is data that tells us who you are. It includes your name and birthday. Also your address, email address and password.

You might be asked for this data to create an account. For example a gaming account. But it can be dangerous to share this data with other people online.

Get help from an adult you trust. This could be a parent, carer or teacher.

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