

Computing

Lesson number 5: How we communicate

Computing systems and networks - Communication

Jane Adamson

Materials from the Teach Computing Curriculum created by the National Centre for Computing Education



OAK
NATIONAL
ACADEMY

In this lesson you will:

Recognise how we communicate using technology

Explain the different ways in which people communicate

Identify that there are a variety of ways of communicating over the internet

Choose methods of communication to suit particular purposes



What is communication?

Sharing or exchanging information by speaking, writing, or using another medium



Simple Messages

There are different ways to communicate a simple message. For example:

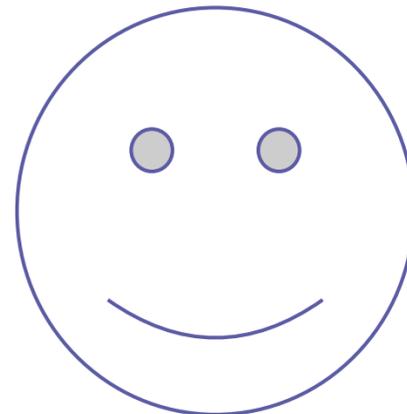
To communicate **“Yes”**



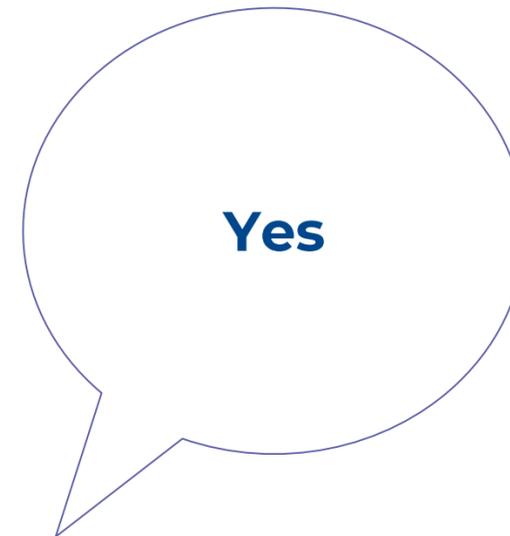
Writing



Using
symbols



Gestures
(nodding)



Speaking



Signalling

Credit: Pixabay for all 5 images above



Simple Messages

Think of as many different ways as possible to convey these messages:

No

I'm happy

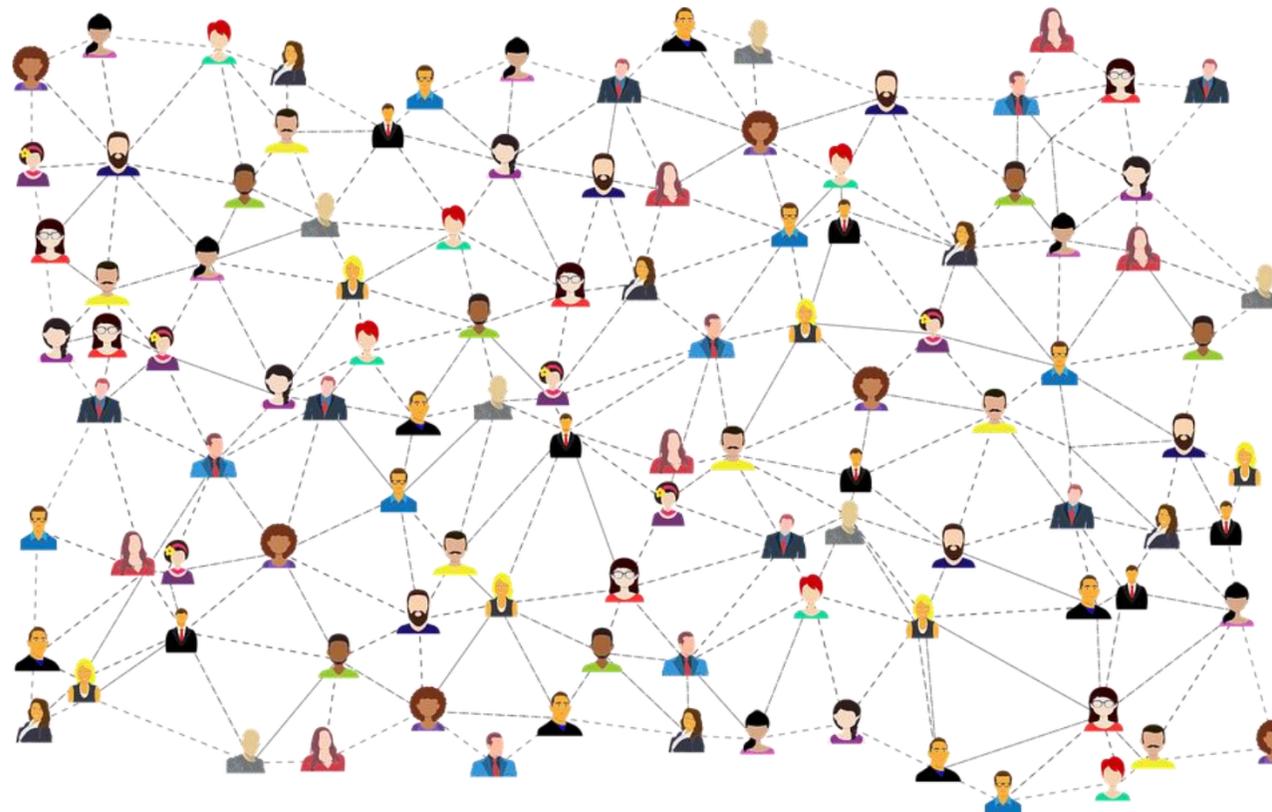
I don't know



Simple Messages

You thought about different ways of communicating a simple message. How many of the ways you thought of would work if you weren't in the same room?

What can help us do this?



Credit: Pixabay



Communicating using the internet

How can you communicate using the internet?

- Think about all the different ways that your family and friends communicate.
- Create a list of all the ways of communication that you can think of.



Credit: Pixabay



Communicating using the internet

How did you get on?

Did you come up with:

- Instant messaging
- Video
- Audio call
- email
- blog



Credit: Pixabay



Task 1: How can we communicate?

**Make arrangements
to meet friends**

**Talk to a friend or
relative in another
country**

**Share pictures of a
family holiday or
special occasion**

**Advertise a school
event (e.g. a play or
disco)**

**Wish someone a
happy birthday**

**Publish a story that
you have written**



Task 1: Choosing how to communicate

Use the list below to choose the communication method:

- Instant messaging
- Video
- Audio call
- Email
- Blog

Scenario	Which method would you choose?	Why?
Make arrangements to meet friends	Instant messaging	It's real time and you can make changes quickly
Share pictures of a family holiday or special occasion		





**Pause the video to
complete your task**

**Task 1: Choosing how to
communicate**

**Go through the scenarios deciding
which method of internet
communication you would use and
also explain why you would choose
it?**



Resume once you're finished



Task 1: Choosing how to communicate (suggested answers)

Scenario	Which method would you choose?	Why?
Make arrangements to meet friends	Instant messaging	It's real time and you can make changes quickly
Share pictures of a family holiday or special occasion	Email, Instant Messaging	The communication goes direct to the person and it is kept private
Wish someone a happy birthday	Instant messaging	It's in real time and you can send text, pictures or images



Task 1 (cont): Choosing how to communicate (suggested answers)

Scenario	Which method would you choose?	Why?
Talk to a friend or relative in another country	Video chat	It's in real time. It helps to keep connections with people who live far away.
Advertise a school event (e.g. a play or disco)	Email, newsletter Instant message	It's free and quick. It is easy to go back and reference something. It is paperless. It's in real time so changes can be sent out quickly
Publish a story that you have written	Blog	It can be accessed whenever someone wants to as it's public. It's a good way of improving your writing skills as people can add comments.



Share your work with Oak National

If you'd like to, please ask your parent or carer to share your work on **Instagram, Facebook** or **Twitter** tagging **@OakNational** and **#LearnwithOak**

