

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:

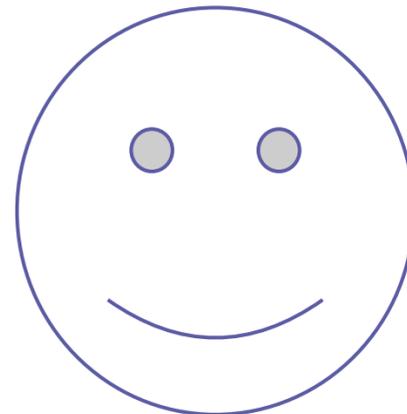
To communicate **“Yes”**



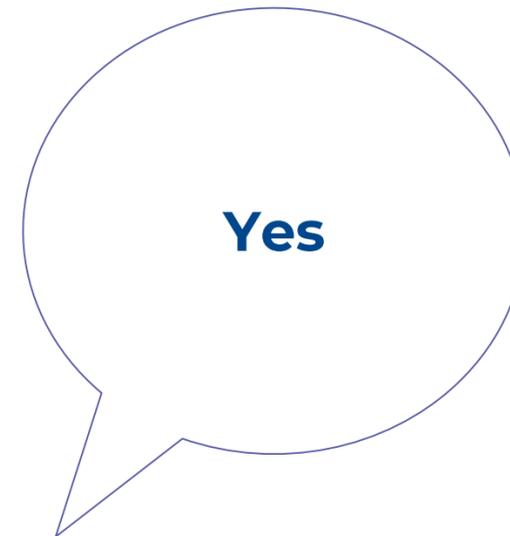
Writing



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**

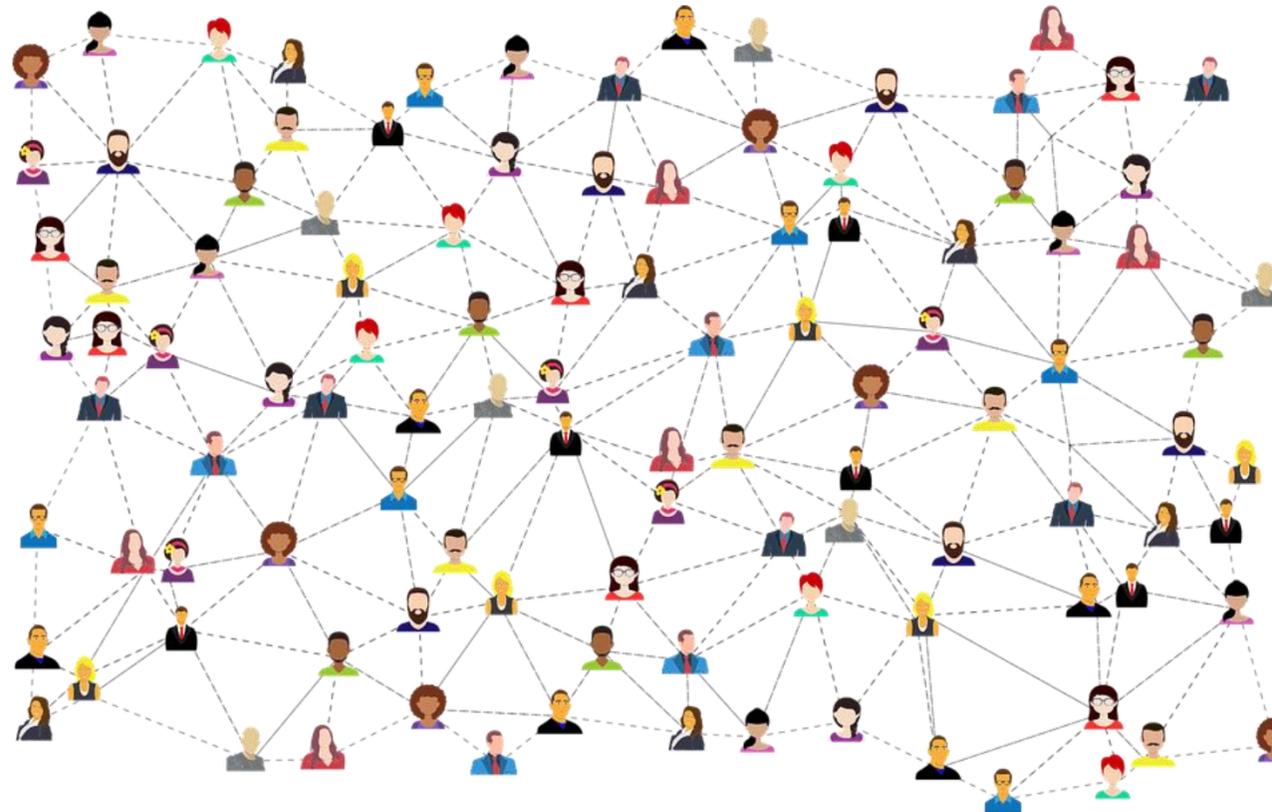
**I don't know**



# 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

<b>Scenario</b>	<b>Which method would you choose?</b>	<b>Why?</b>
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)

<b>Scenario</b>	<b>Which method would you choose?</b>	<b>Why?</b>
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**

