LESSON 1

Let's communicate!

- 1 Think of different ways people can communicate.

 Make a list with a partner.

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- 2 Look and match. Listen, check and repeat. Which of these types of communication do you prefer?

Heroes Connect say:
Our next blog project is about technology and communication. Here are some photos to inspire you. Who wants to help us?

advert ____ brochure ___ code ___ email ___ letter ___ note ___ postcard ___ radio programme ___ sign ___ text ___ TV programme ___ video call ___





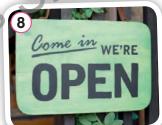




















- \bigcirc Listen and guess the number in Activity 2. \bigcirc 2:35
- 4 Ask and answer about how you usually communicate with your friends.

write read make listen to watch send

I often send emails. Do you send emails, too?

No, I don't. I send texts or I make video calls.

How often do you send texts?

I send texts every day.





Is it a good idea for children to have a mobile phone?

Pupil's Book page 71

O

Listen and read. How many types of communication are there?





The Lucky Shamrocks say: We're The Lucky Shamrocks from Dublin, Ireland. We're doing a project about communication at school. We asked our parents about communication when they were young.

I used the phone.



Sarah – Did you send texts to your friends? ► Sarah's dad – We

didn't have mobile phones then, so we didn't send texts We wrote letters or postcards. We went to the post box a lot!





Conor – Did you use a computer to communicate?Conor's dad – No, we

didn't. We played computer games, but we didn't have email or Internet. We didn't make video calls, either. We had one phone in the living room. When I wanted to ask a friend to come and play,



Ava – Did you listen to the radio or watch TV?
Ava's mum – Yes.

we did. But we only had four TV channels then and we didn't have a lot of choices. Like you, my brother and I loved pop music, but it was different then.





- 2 Read and complete with the missing verbs. Underline regular verbs and circle irregular verbs in the past in Activity 1.
 - 1 Ava's mum ____ pop music.
 - 2 Sarah's dad _____ letters.
 - 3 Conor's dad ____ computer games.
- 3 Listen, follow and repeat. Make more sentences.

Past-simples-regular-&-irregular

I/You/He/She/ We/They listened to the radio. wrote letters.

didn't listen to the radio. didn't write letters.

Did

I/you/he/ she/we/they listen to the radio? write letters?



Yes, No,

l/you/he/ she/we/they did didn't



4 Read and answer. 🕡

When do we use the past form of *do*?

I listened to the radio.

I didn't listen to the radio.

Did you listen to the radio?

5 Talk about your family with a partner.

I think my mum watched TV a lot.

My grandad wrote letters to my grandma.

My aunt didn't make video calls.



Story



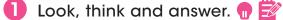
Heroes Connect say: Hey, Lucky Shamrocks! It's your turn to nominate a hero for our Wall of Fame.



The Lucky Shamrocks **say:** OK! This story is about communication between

Europe and the USA many years ago.

BEFORE YOU READ





- 1 How do you think people communicated in the past?
- 2 Is this a legend, a historical story, a comic story or a romantic story?
- **3** Who do you think the hero is? Is there more than one hero?

READ THE STORY

Listen and read. (1)



AFTER YOU READ





- 2 What did Samuel Morse invent?
- **3** What did Cyrus Field want to do?
- 4 Which two countries did the cable connect?
- **5** How is communication different now?

Read, think and answer. 👚 📝



- 1 Do you like the story? Why?
- 2 Why was the work of Morse important?
- 3 What can we learn from people like Cyrus Field?
- **4** What did people use the phone to? And now?
- **5** What other important inventions can you think of?

WALL OF FAME

The race to send messages

Every day people use computers and the Internet to send messages all over the world. Messages can take less than a second to go from the UK to the USA. In 1850, the world was a very different place. When someone wanted to send a message from the UK to the USA, they put the message on a ship. It took more than ten days to arrive!



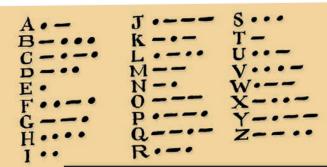
Telegraphs and Morse code



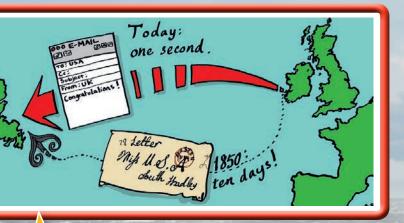
Samuel Morse was an American inventor. He was one of the people who invented the telegraph. A telegraph was a machine which sent and received messages using electricity. It sent sounds through long pieces of cable.

The telegraph used a code of short sounds and long sounds to send messages. Each letter of the alphabet had a different sound. This is called the Morse code.

• is a short sound and - is a long sound. The letter 's', for example, is three short sounds.

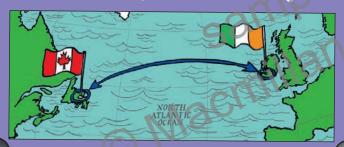


Listen. What word is this? Use Morse code to make 2:41 more words for your partner.



Cyrus Field

An American businessman, Cyrus Field, had the idea to put a long, thick cable across the Atlantic Ocean. He wanted people to communicate by telegraph between Europe and North America. But it was difficult to do it. He needed many kilometres of heavy cable.



The telegraph cable

Cyrus Field's company made more than 5,000 kilometres of telegraph cable. The first time ships put it into the Atlantic Ocean, the cable broke. The next time, two ships connected the cable together in the middle of the ocean. One ship went to Ireland and the other ship went to Canada. But the cable broke again!



Connected!

In August 1858, Cyrus Field tried again and this time it was a success. One ship arrived in Canada and the other arrived in Ireland. The cable went across the Atlantic Ocean. People sent the first messages between Europe and North America.



Interesting fact

One of the first telegraph messages was from Queen Victoria of England to the President of the USA. It was a short message, but it took 14 hours to send!





Messages today

Today, communication is different. We use mobile phones to send text messages. Text messages don't need cables: they travel through radio wayes.

Grammar and pronunciation

SAY I

Listen and read. Why is Sophie surprised by the photo?

The story about sending messages is amazing.

Sophie: I liked it, too.

Jack: I learnt about communication at the Museum of Science

and Industry in Manchester.

Sophie: Really? When did you go? **Jack:** I went there last summer.

Sophie: Who did you go with? Did you go with your family? Yes, I did. I went with my grandad and my sister.

Sophie: What did you see?

Jack: We saw one of the first computers, called The Baby. Look!

Sophie: Why did they call it The Baby? It's enormous!



- 2 Underline the Wh-questions in Activity 1. What words do they begin with?
- 3 Listen, follow and repeat. Ask and answer questions about you.

Past_simple: question

Where When What Why Who How

I/vou/ 1 he/she/it/we/ did thev

do? go with?

get there?

- Listen and read. What do the arrows show? Listen again and repeat.
- 1 When did you go?
- 2 What did you see?
- 3 Did you go by train?
- 4 Did you go with your family?
- Think about an interesting place you visited. Ask and answer with a partner.

MAKE CONNECTION

4) Read and answer. 👚 How do we form Wh-questions in the past? When do you play tennis? When did you play tennis?

Where did you go?

I went to the Natural History Museum.

What did you do?

I learnt about animals and dinosaurs.





Sing Communication, communication. (Pupil's Book page 77)











- Think about someone you know. Are you interested in the same things? Do you do the same activities?
- Listen and read. Who do Sophie and Charlie imagine they are?

Critical thinking



(3) Process: Work in groups of four. Each person in the group chooses a different hat. Tell your group about your choice for each category.



- 1 What do you think about when you imagine you're a different person?
- 2 When is it important to imagine what other people think or feel?

Integrated skills

The Lucky Shamrocks say: We're starting a coding club at our school. This is a news article about coding clubs in Ireland. We hope you enjoy it!

STAGE 1 Reading

- 1 Look at the news article quickly and answer the questions.
 - 1 What do you think the article is about?
 - 2 Where can you read an article like this?
- 2 Listen and read the news article. Would you like to join a coding club? Why?



Reading tip: Try to understand the meaning of words before you ask your teacher or use a dictionary.

A New Generation of Coders

What can you do on a computer? Can you search the Internet? Can you open a file? Can you connect to the wifi? Can you log on to a website? Maybe you can do all of these things. But can you write code?

Meet James Whelton!



Coding is writing messages to tell a computer what to do. You need to learn to code to design computer games, for

example. When he was 17, James started a coding club at his school in Ireland. He wanted to show children that it was fun and cool to code. Soon, it was the biggest club in the school.

What happened next?

in 2011, James met an Australian called Bill Laio. They started more clubs in Ireland, the UK and then the rest of the world! They called them Coderdojo clubs. Now there are hundreds of Coderdojo clubs around the world.

What can you do at the clubs?

At the clubs you can learn computer languages, like Scratch or Python. You can create your own computer games, working on your own or in groups. You can learn how to program robots to move and speak. You can program 3D printers, too.

Children love playing games on computers. Now they can work together to make their own games,' said Jenny Rogers, a head teacher in London.

Search online to find out about coding clubs near you.



3 Vocabulary Find these verbs in the news article. Complete. Listen, check and repeat.



to the wifi



a game



___ code



Ireland P
GO!

the Internet

SERNAME

PRSWORD

STAGE 2 Listening

4 Listen and complete the information about the activity camp.

Time	Activity	Place	Cost
10.00	1	2	£2
11.00	table tennis	3	4
13.00	5	green room	free
6	7	playground	8

LESSON

Writing and speaking



Heroes Connect say: Thanks for uploading the news article. It was really interesting. Jack won a school computer coding competition last week. Here's Sophie's article for the school newsletter.



Listen and read the article. What did Jack do?



OUR SCHOOL

SCHOOL NEWS

GAMES

CONTACT US

Jack is the champion!

- 1 Last Wednesday, Jack Allison won the City Schools Computer Coding Competition. He went to the town hall to receive a prize. The prize was a small trophy and £30 to spend on technology.
- 2 Jack designed a computer game called Wonder Words using the program Scratch. It's a word game and an adventure game mixed together!
- 3 'I love word games, but most of them are boring after a while. I wanted to design a game that was always fun and exciting!' said Jack.

- The characters in Jack's game are in a huge. castle. They move from room to room and look for clues to answer the word puzzles.
- 5 'I worked really hard on the game (m really happy everyone liked it!' Everyone at the school is pleased, too. Well done, Jack!



YOU CAN DOWNLOAD THE GAME FROM THE SCHOOL WEBSITE.

- 6 Where in the article can you find this information? Write the paragraph number.
 - 1 What did Jack win?
 - 2 Where did Jack go to receive his prize?
 - 3 When did Jack go there?
 - 4 What did Jack call the game?
 - **5** Why did Jack design the game?
 - 6 How did Jack feel?
- Plan and write a news article for a school newsletter. (Workbook page 34)



Make sure your article answers the questions: What ...? Where ...? When ...? Why ...? Who ...?

STAGE 4

Present your school news article to the class.

> Our class sana in a music festival on Saturday mornina. The festival was in the town square.





Presentation tip: Why don't you present your article as a TV news programme?

Listen, look and number. Say the type of communication. Which ones aren't mentioned?

UNIT

Review

























Use the photos in Activity 1 to play a definitions game. Work with a partner.



You need a (pen and paper) to do this.

You (listen to) this.

Yes, it is.

This type of communication is (fast/slow).

No, it isn't.

Play a memory game with a partner. Ask and answer.



Where did John go?

He went to Wales

What did he do?

He went to the Science Museum.

John

Wales Science Museum his family

Lou France coding club a friend

Anna Scotland chess club cousin

Read and predict the missing words. Listen and check. Act out.





Sophie: Hi, Jack. I'm so tired!

Why? What 1 ____ you do this morning?

Sophie: Well ... First, I watched a very interesting TV programme,

then I 2 ____ a video call.

Really? That's not very tiring. What 3 _____ you do next? Jack:

Sophie: Then I 4 _____ some texts and I 5 ____ a letter.

But, why are you so tired? You 6 _____ do any exercise. Jack:

Sophie: I had to send the letter before 12 o'clock, so I ran to

the post box!

Jack: Oh, I see ...







BEFORE YOU WATCH

- Read and discuss with a partner. 👚 🔽
 - 1 Look at the photos. What can you see? Which objects do the Heroes Connect use to make their blogs?
 - 2 What do you think the vloa is going to be about?









WHILE YOU WATCH

- Watch the vlog. Check your answers to Activity 1.
- Watch the vlog again. Complete the sentences with the past simple of these verbs.

film arrive find out meet

- __ Jack pretending to be a film director. 1 They all ____ at the studio in the morning. 4 Sophie _
- _ on a tour of the studio
- 3 They ____ a real cameraman!
- 5 Emily and Charlie _ about voiceovers.
 - 6 They Charlie's uncle lots of questions.
- Watch the vlog again Read and write true or false. Correct the false sentences.



- 1 Michael gives five top tips.
- 2 The window should be in front of the camera.
- 3 It's important to listen to the people who watch their vlogs.
- 4 The most important thing is to work carefully.
- 5 Michael dian t watch a lot of TV.



AFTER YOU WATCH

Work with a partner. Imagine you're doing a voiceover for a nature programme.





Here is a big, grey elephant. It's walking to the water.

Now it's drinking. Can you see the baby elephant? It's drinking, too.



Describing animals

Here is an (unusual) animal. It's a very (scary) animal. Now it's (climbing through the trees). Can you see (the colour of its tail)?

What's your favourite part of the vlog? Discuss with a partner.

My favourite part of the vlog is when ...

