



ENGLISH

Chapter 20 Session B

5th
SECONDARY

VIRTUAL WORLD
Reported Questions



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Motivation Strategy

**Do you know
what
computer
programming
is?**

**Have you ever
considered
creating a
computer
program?**






- 1 Look at the job advertisement. What questions do you think interviewers would ask candidates?

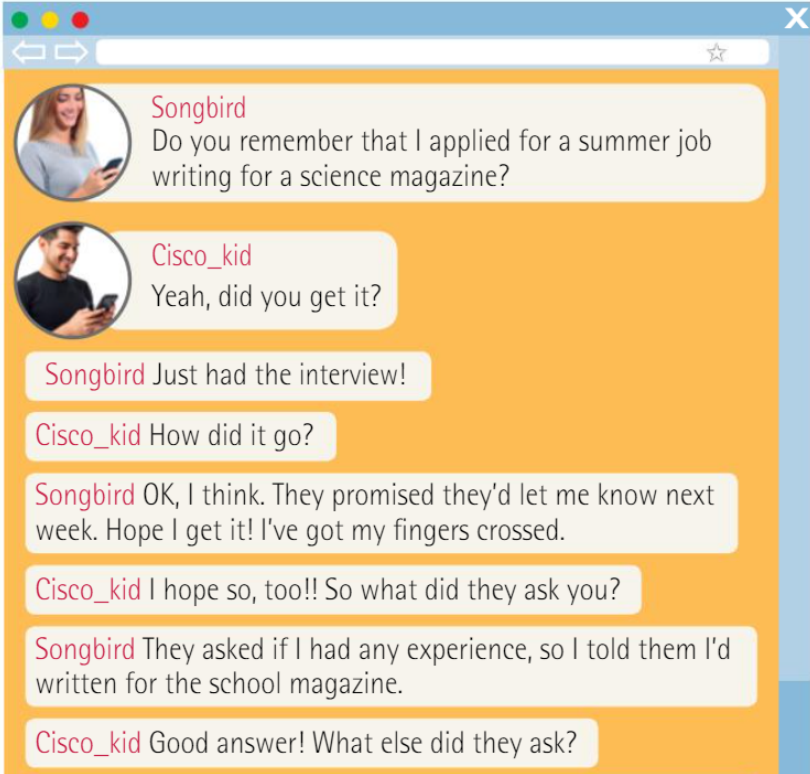
Personal answer

Assistant Wanted

Science Today is a popular science magazine for young people. We have a vacancy for a research assistant this summer. If you have some experience with online research and using computer programs and are studying science, this is an excellent opportunity for you. Candidates with writing experience are preferred.

Apply to: Maggie Reese, *Science Today* magazine, P.O. Box 320.

2  70 Now read and listen to check your predictions.

Songbird
Do you remember that I applied for a summer job writing for a science magazine?

Cisco_kid
Yeah, did you get it?

Songbird Just had the interview!

Cisco_kid How did it go?

Songbird OK, I think. They promised they'd let me know next week. Hope I get it! I've got my fingers crossed.

Cisco_kid I hope so, too!! So what did they ask you?

Songbird They asked if I had any experience, so I told them I'd written for the school magazine.

Cisco_kid Good answer! What else did they ask?

Cisco_kid Good answer! What else did they ask?

Songbird One of the interviewers (there were two, imagine!) asked what I wanted to do in the future. I told them I wanted to be a marine biologist – they seemed impressed. Oh, and they asked if I had used different computer programs.

Cisco_kid Hahaha. Did you tell them you hate computers?

Songbird NO!!! Anyway, I can use Word, so that's OK.

Cisco_kid Any questions you couldn't answer?

Songbird Well, they asked if I was good at online research. So I said I hadn't done much, but I was a quick learner. Oh, they asked if I was going to be available to work all summer. They were happy when I said yes!

Cisco_kid Great! Sounds like you've got the job.

Songbird I hope so.

Cisco_kid Let me know! I've got to go. Talk soon. XXX

Songbird Bye! XXX

3 Read the text again and answer the questions.

- a** Does Songbird think the interview was a success?

She thinks it went okay.

- b** What writing experience does she have?

She has written for the school magazine.

- c** Does she like computers?

She doesn't like computers.

- d** Can she use any computer programs?

She can use Word.

- e** What job does she want to do in the future?

She wants to be a marine biologist.

- f** Is she available to work in the summer?

Yes, she is.



Reported Questions

- 1 Look at the reported questions in the chart below. Then choose the correct words to complete the rules.

information questions

- 'What do you want to do in the future?'
→ *They asked what I wanted to do in the future.*
- 'Where are you studying?'
→ *They asked me where I was studying.*

- a In reported questions we **use** / **do not use** question marks.
- b The word order in reported questions is the same as in **direct questions** / **the affirmative**.
- c The tense changes are **the same as** / **different from** reported speech statements.

- 2 Analyze the sentences in the chart. How are reported questions formed?

subject + asked + question word +
subject + verb clause

- 3 Analyze the questions Professor Jones was asked by a reporter. Choose the correct options to complete the reported speech questions.



- a The reporter asked **when did Professor Jones** / **when Professor Jones had** become interested in science.
- b He asked what **is she working on** / **she was working on**
- c He asked how **she has made** / **she had made** the discovery.

- 4 Look at the sentences in the chart below.
Do we use the affirmative or question
word order after *if*? affirmative

yes / no questions

→ 'Do you have any experience?'

→ *They asked if I had any experience.*

→ 'Have you used different computer programs?'

→ *She asked if I had used different computer programs.*

- 5** Complete the questions with the correct form of the verbs in parentheses. Then write the reported speech questions.

... computers talk? (can)

Can computers talk?

He asked if computers could talk.

a ... Newton discover DNA? (do)

Did Newton discover DNA?

He asked if Newton had discovered DNA.

b ... scientists discovered anything interesting recently? (have)

Have scientists discovered anything interesting recently?

He asked if scientists had discovered anything interesting recently.

c ... Stephen Hawking a scientist? (be)

Was Stephen Hawking a scientist?

He asked if Stephen Hawking was a scientist.



SCIENCE

The Remote Control

Infrared (IR) Remote Controls

If you want to turn up the volume on your TV, you press a button on the remote control. It then sends a series of light signals to the receiver on the TV. Each series of light signals contains a unique message: firstly the equipment which the signal is intended for (the TV), secondly what to do (turn up the volume), and finally how much (just a little). The receiver interprets the signals and passes the message on to the TV's microprocessor, which responds by turning up the volume. The IR remote control can only work at short distances (often no more than 10 meters) and it can only transmit signals in straight lines. It cannot transmit signals through walls.



Radio Frequency (RF) Remote Controls

The remote control for opening a garage door is a radio remote control. Instead of sending light signals, the RF remote control sends radio waves to the receiver, which then interprets the message. The RF remote control can work at distances of 30 meters and it can transmit through walls. However, many devices, including cell phones, laptops and cordless phones, use radio waves, so each RF remote control needs to have its own unique radio frequency.

House Apps

The technology for remote controls has developed enormously in the past years. Instead of using several different devices for different equipment, nowadays it is possible to use the internet and an app which is downloaded on your phone. With an app, it is possible to turn lights on and off, control their brightness, open, close, lock and unlock doors, and control the temperature in rooms, among other things. You can even be notified of what is happening in the house.



71 Read and listen. Answer the question.

What kind of things would you like remote controls to do?

Personal answer

2 Complete the sentences with the words in the box.

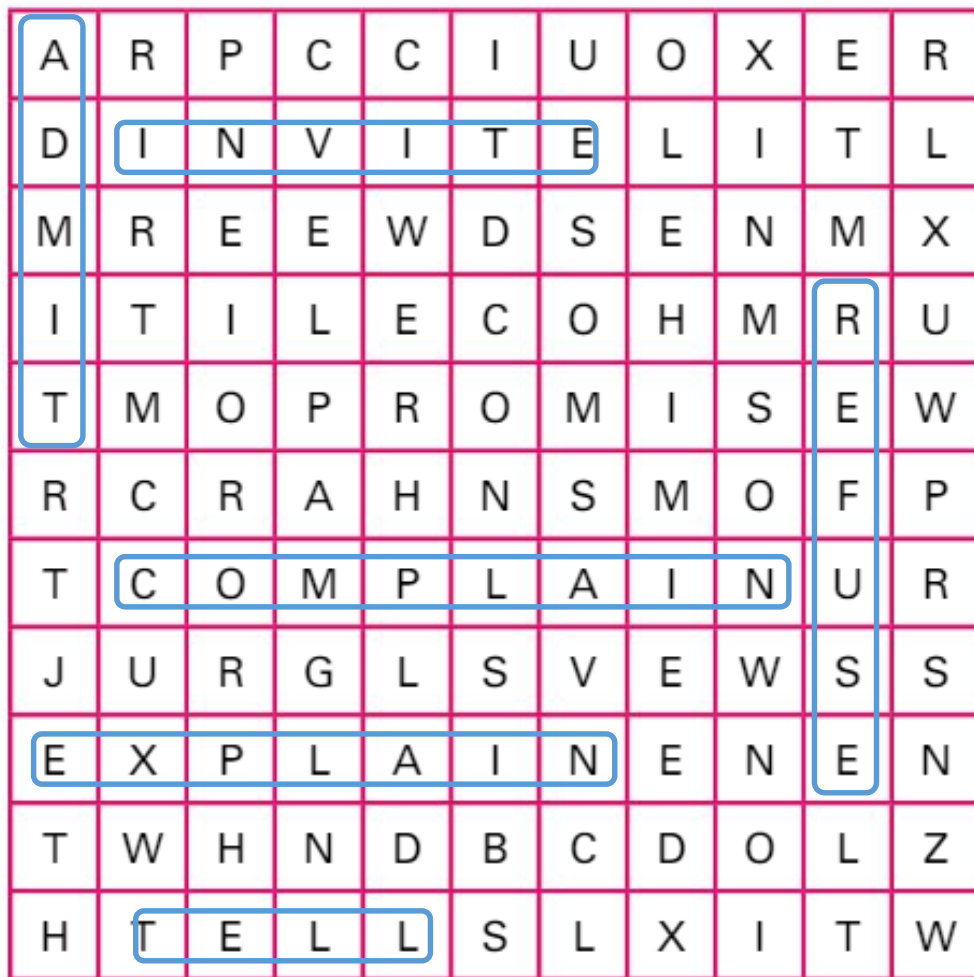
distance	laptop	walls
light	waves	app

- a** The Infrared (IR) remote control can only work within a short distance – no more than 10 meters.
- b** Radio (RF) remote controls can work through doors and walls.
- c** It's possible to download an app and use your cell phone as a remote control.
- d** The Infrared (IR) remote control sends a series of light signals.
- e** The Radio (RF) remote control works by sending radio waves.
- f** Laptop computers and cell phones use radio waves.

/indo

Reporting Verbs

- Find six reporting verbs in the word search.



2 Order the letters to make reporting verbs.

e l t l

tell

a n a r w

warn

b g u s s e t g

suggest

c f e r f o

offer

d e r a g e

agree

e n e c o n u n a

announce

Homework

3 Underline the correct options.

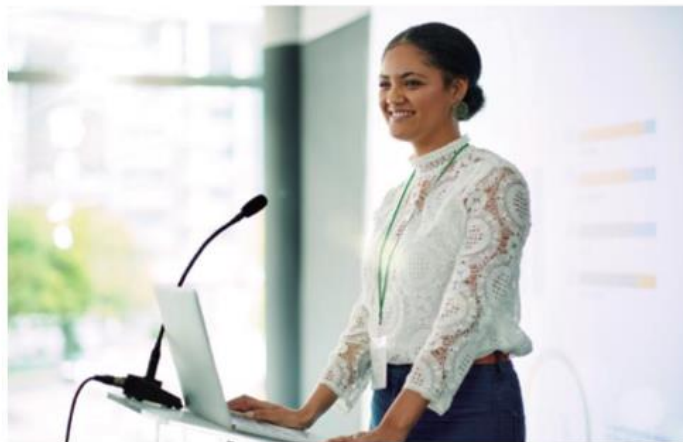
We **warned** / **agreed to** meet under the station clock.

- a I **told** / **invited** you not to use my computer.
- b She **offered** / **promised** not to tell anyone my secret.
- c He quietly **admitted** / **announced** he was guilty.
- d There was nothing wrong with the food. Why did you **refuse** / **complain** to the waiter?
- e I **suggested** / **explained** that my cell phone wasn't working so I wouldn't be able to call her.
- f He **refused** / **complained** to play soccer because he had hurt his foot.
- g She **explained** / **suggested** that we should all go camping together this summer.

- 4 Complete the sentences with the simple past form of the verbs in the box.

admit agree announce
explain offer ~~tell~~

'I'm just going out to the store,' she told me.



- a 'And the winner of this year's Golden Apple is Lily Bell!,' the presenter announced.
- b 'I couldn't print the tickets because my computer wasn't working,' she explained.
- c 'I stole it,' she quietly admitted.
- d 'I'll lend you some money,' he offered.
- e 'That movie was excellent,' she said. 'Yes, it was,' he agreed.

- 5** Label the sentences with the reporting verbs in the box.

complain ~~invite~~ promise
refuse suggest warn

c This room's dirty and cold.
Where's the manager? complain

Would you like to come to my
house for dinner? invite

d I'm not going to work for
\$4 an hour. refuse

a Watch out for pickpockets
in the market. warn

e Perhaps we should see the
earlier movie. suggest

b I won't tell anyone,
really. promise