



Professor Inkspot's telescope

Bang!

Billy woke up with a start. He looked at the clock. It was half past six. BANG! Billy jumped out of bed and ran to the window. Next door he could see Professor Inkspot's shed. There was a small cloud of blue smoke above the shed. Billy saw a green flashing light. Fizzzz! Pop! Bang! The light changed to red. Billy got dressed quickly and ran round to Professor Inkspot's shed.

'Are you there, Professor?' he shouted. A strange whirring sound began. A bell rang and an orange light turned to green.

'It works!' a voice exclaimed.

'Professor,' Billy called, 'is that you?'

'Of course it's me!' said the voice. 'Come in, Billy, come in!'

Billy stepped slowly forwards and went inside.



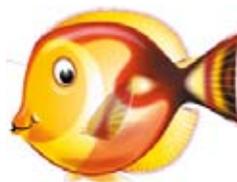
Professor Inkspot stood next to a strange machine. On the front were four large dials with numbers. Below the dials were several bright red buttons. In the middle was a square screen. Beside the screen was a handle. Under the screen was a row of switches.

'What is it?' Billy asked.

'It's an inter-active space telescope,' replied the professor. 'It shows you what is happening in space! Do you want to see it work?'

'Yes, please,' said Billy.

'Look here,' said the professor, 'you turn this ... and press these ... and pull those upwards' For several minutes the professor was busy. His hands moved quickly over the machine. Billy waited quietly and watched. At last the professor turned round. 'It's ready!' he said.



Professor Inkspot pulled the handle downwards. A red light came on. He turned a dial. It clicked noisily. Then there was a loud buzzing sound. Billy jumped backwards.

'Don't worry!' shouted the professor. 'Look at the screen.'

Billy saw small people in spacesuits. There were trees but they were blue and yellow. The sky was bright pink. It was another planet!

The professor pointed to a tree. 'Watch this!' he said. He pushed a button. Suddenly the tree filled the screen. Billy saw a very strange silver bird in it.

'Let's look at the people,' said the professor. 'Press that switch.' Billy pressed. At once the people on the screen were big.

Billy gasped. 'I know those people,' he said.

'What?' said the professor, in surprise.

'Yes,' said Billy, 'Those are the people in my favourite TV programme, *Adventures in space*. This isn't an inter-active telescope, professor. It's an inter-active TV!'



Reading and understanding

1 Complete the sentences.

- 1 Billy woke up at half past _____ .
- 2 He woke up because he heard a loud _____ .
- 3 Billy went inside Professor Inkspot's _____ .
- 4 Professor Inkspots machine shows what is happening in _____ .
- 5 When Professor Inkspot pulled the _____ , a red light came on.
- 6 Billy saw a _____ bird in the tree.
- 7 The people on the _____ were from a TV programme.

2 Circle the best word to complete each sentence.

- 1 Professor Inkspot works in a **shop** **shed** **ship**.
- 2 Billy saw a cloud of **smells** **smiles** **smoke**.
- 3 He **heard** **saw** **smelled** flashing lights.
- 4 He **heard** **saw** **found** a strange whirring sound.
- 5 There was a square **scream** **green** **screen** in the middle of the machine.

3 Which way is Billy jumping? Write the directions.

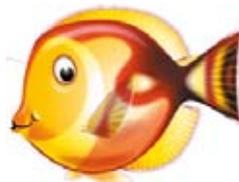
forwards downwards upwards backwards



1 _____ 2 _____ 3 _____ 4 _____

Get active

1



Working with words

1 Write the adverbs.

quickly slowly noisily quietly

1 _____ : making a lot of sound

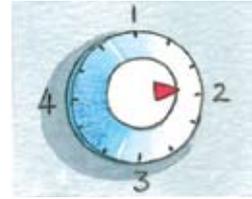
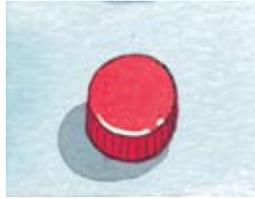
2 _____ : at a fast speed

3 _____ : making very little noise

4 _____ : not quickly

2 Write the verb. Write the noun.

turn pull push press



1 _____ 2 _____ 3 _____ 4 _____

Sentence building



This is my space telescope.

This is a **sentence**.

'This is my space telescope,' the Professor said.

We must put a **comma** here.

We end it with a **full stop**.



Remember! When we write what a person says, we put it in **speech marks**.

1 Discuss what punctuation marks are missing. Put them in.

1 My name is Professor Inkspot the man said.

2 I went to see the Professor Billy said.

3 I am in the shed Professor Inkspot said.

4 Your machine looks good Billy said.

5 Don't touch it the professor said

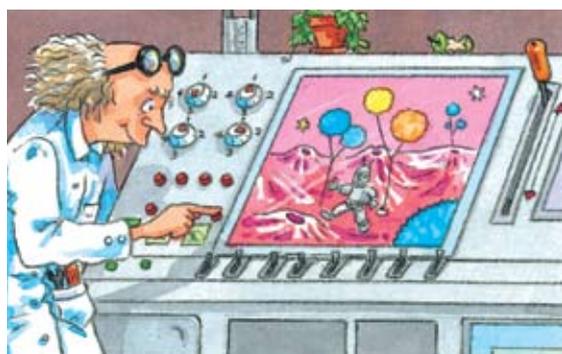


Language Book samples

Do you remember Professor Inkspot's strange machine?



Grammar



Below the dials **were** several buttons.
Beside the screen **was** a handle.
Professor Inkspot **pushed** the buttons.
Then he **pulled** the handle.

1 Read and circle true (T) or false (F).

- | | | |
|--|---|---|
| 1 Billy jumped out of bed at half past seven. | T | F |
| 2 There was a machine in Professor Inkspot's garden. | T | F |
| 3 Billy stepped inside the shed. | T | F |
| 4 There were bright green buttons on the machine. | T | F |
| 5 Billy watched the professor. | T | F |

2 Correct the false sentences. Say. Then write.

3 Fill the gaps with verbs from the box. Use the past tense.

ask gasp turn ~~wait~~
look move press point

Billy waited quietly. The professor's hands _____
over the buttons and dials. At last he _____ round and
_____ to the machine. 'Can you see that switch?' he
_____. 'Press it, please.' Billy _____ the switch.
He _____ at the screen.
'Oh!' he _____ in surprise. 'I know those people!'

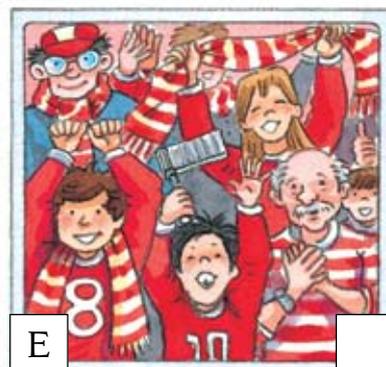
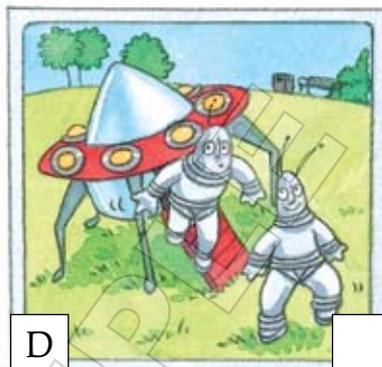
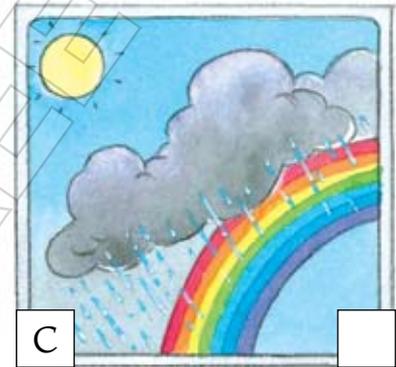
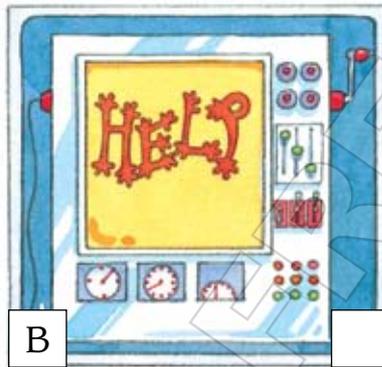
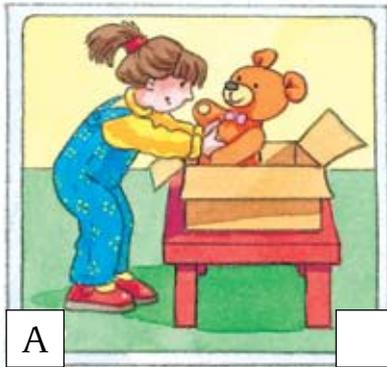


Listening

What a fantastic machine!



1 What did Professor Inkspot see on his screen?
Listen and write the numbers.



2 Listen and chant.



Blast Off!

Smoke billows
Flames spurt
Engines roar
Ears hurt
10 9 8 7 6 5 4 3 2 1 ZERO. LIFT OFF!
Ground shakes
Crowd cheers
Rocket climbs
And disappears.

Veronica Clark

Listening focus identifying descriptions



Language Book samples

Spelling



In some words the **oo** makes a short sound.

He **looked** at the clock. 

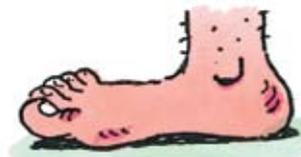
1 Listen and read. 



The cook took a look at the book.

Write the words in the sentence which make the same sound as **cook**.

2 Say the sounds. Make the words.



f → oo → t



h → oo → d



w → oo → d

3 Write.



I like this _____.



My _____ hurts!

4 Tick ✓ the words you can read.

cook look book foot hood wood



Class writing

Let's write a story.



1

1 Look at the pictures. Answer the questions. Write the story.

Beginning



What did Billy see?
What was it like?



What did Billy do?

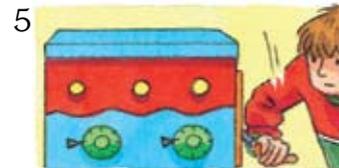
Middle



What happened?
Who was in the box?



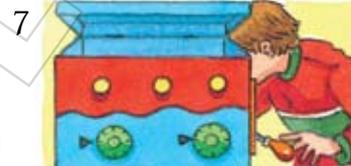
What did Professor
Inkspot do?



What did Billy
do then?



What happened?
Was Professor
Inkspot inside?



Where did Billy look?
Was Professor
Inkspot there?



What did Billy do?

End



What did Billy
do next?



What happened?



Who or what was
in the box?