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تفاصيل الملخص ←

English grade 8 Class B...

English 📖

15 July, 2018 🕒

المشاهدات 6800

English

17/29

Unit 3 Inventors and Invention

Read the report

Great Arab inventions and inventors.

This report is about Arab inventions and inventors in history. The Internet was used to get information. This report starts by looking at inventions of the past and then goes on to look at inventions of the present.

Many centuries ago, Arab inventors changed the world with their amazing inventions. The globe was invented by Al Idrisi in 1100 and the process of using stones to make glass was discovered by Ibn Firnas. The world of Science and ocean travel was completely changed by the invention of the compass. This was invented by Arabs to help Muslims find the Qibla for prayers.

It is true to say that we usually think of Arab inventors of the past but there are many great Arab inventors who are alive now and helping to change our world. For example, the world's fastest camera was invented by Professor Ahmed Zewail from Egypt. He was awarded the Nobel Prize for Chemistry in 1999 for his invention. The camera uses lasers to take pictures of chemical reactions. Another important invention is the "Test-Fast-Tera" machine. It was invented by an Egyptian woman called Dr. Ferial



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Tera in 1986. This machine tests the effect of the sun on the colours of different materials.

Arab inventions have helped to make the world a better place. With such a great history and a wonderful present, the future looks bright for Arab inventions in the 21st Century.

Read the story and answer questions 5 and 6 in skills book.

The Wrong Right Inventor

1 When Intissar was little, she liked collecting things. While most other girls her age liked collecting badges, shells or teddy bears, Intissar liked collecting plastic, cloth, wood, metal, sticks, balloons, elastic bands and springs. This made some of her family really worried because it wasn't usual for girls of Intissar's age to collect junk and scrap.

'I think we should take her to the doctor,' said her brother.

'Maybe we should take away the junk. There's no space left in her room,' said her sister.

↑ said her parents with worried expressions on their faces. 'This is her hobby and we shouldn't upset her.'

↓ 'Why don't you get her to make something with all those things?' said Intissar's grandmother.

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'Yes, she can be an inventor,' said Intissar's grandfather.

So that is what they did!

2 One day, her brother went to Intissar and asked her to make something that would make his bicycle move faster. Intissar used some of the junk to make a motor and carefully attached it to the pedals so her brother wouldn't have to pedal anymore. At first, this was fine and Intissar's brother was really happy, but then one day the motor stopped working properly. Sometimes, the bicycle would move fast, then sometimes it would move slowly and then sometimes it wouldn't move at all.

'Your invention's no good,' said Intissar's brother. 'It's all wrong!'

3 Intissar was sad, but she didn't give up. So when her sister asked her to make something to store her jewellery in, Intissar used a piece of wood, some metal springs and a few bits and pieces from an old tape recorder to make a musical jewellery box. Intissar's sister was really happy, until the day the lid of the box got stuck and all her jewellery was trapped inside.

'Your invention's no good,' said Intissar's sister, 'It's all wrong!'

Intissar was sad, but she didn't give up. Then her sister asked her to make something to help clean the floor. So she invented a machine out of an old bag and some leftover pipes to suck up all the rubbish from the floor. Once again this worked fine for the first few days,



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but once again the machine went wrong. Instead of sucking up the rubbish, it started to blow the rubbish all over the room. Intissar began to cry. 'My inventions are no good. They're all wrong!' she said with tears in her eyes.

'Don't worry, Intissar,' said her parents. 'We're sure you'll get better.'

5 A few days later, Intissar's brother was playing with his friends in the street. They were having races on their bicycles, trying to see who was the fastest in their street. It was soon going to be Intissar's brother's turn and he had been working hard with Intissar to make sure that the motor would work so he could win the race. Then they were off and Intissar's brother took the lead. Zoom went the bicycle, getting further and further ahead of the other bicycles in the race. Intissar's brother was really happy because he was going to win. He turned round to wave at the other children, when suddenly a goat appeared in front of his bicycle.

'Watch out!' they all shouted at him.

Intissar's brother turned round and shouted, 'Eek! Oh no!' and tried to turn the bicycle so he wouldn't crash into the goat, but it was too late. Then suddenly, the motor went CH, MUNCH and KURPLUNK!!! The engine stopped, the bicycle stopped and luckily the goat was saved. Intissar's brother shouted, 'Hooray!' and went running up to Intissar's brother cheering because he had not crashed into the goat. The goat went, 'BAA!' and ran away.



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But Intissar was worried that her brother would be unhappy because the motor had stopped working and he had lost the race. So Intissar walked slowly up to her brother. When she arrived, she found him surrounded by children. He was smiling and said to Intissar, 'Your invention isn't wrong. It's right!'

6 The next day, Intissar's family were watching the news on TV when the news reader announced that a small pet monkey had recently escaped from a private zoo and any sightings should be reported to the police. Suddenly, there was a loud CRASH, then a BANG and finally a CRUNCH noise coming from Intissar's sister's bedroom. Everyone rushed into the bedroom and found the chair broken, the lamp in pieces on the floor and her clothes lying in a mess by the bed. Everyone was shocked. They looked up at the dressing table and saw two bright eyes and hairy hands.

'A monkey!' they all shouted.

7 The monkey had climbed in through the window and was trying to open the musical jewellery box Intissar had made for her sister. Of course, the monkey couldn't open the box, because the box was stuck. The monkey was trying to hit the box against the table and had managed to knock over all the things in the bedroom.

'Yes, it's the escaped monkey, let's try to catch it,' said Intissar's father. Intissar's sister quickly grabbed a bed sheet to throw over the monkey while Intissar's brother grabbed the cleaner Intissar had invented for her



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parents. Again instead of sucking, the machine started to blow and made a HISSING noise. The escaped monkey thought the machine was a snake and ran away. Intissar's father phoned the police to let them know that they had seen the escaped monkey. Meanwhile the rest of the family helped clear up the mess in the bedroom.

'You know Intissar, your invention stopped the monkey from taking my jewellery. Your invention's not wrong. It's all right!' said Intissar's sister with a smile on her face.

'And your cleaning machine makes a great monkey scarer. Your invention's not wrong. It's all right!' added Intissar's mother.

8 Intissar never stopped collecting things and she never stopped making inventions. Sometimes they worked, sometimes they didn't and sometimes they did things they weren't meant to do. But whatever happened, Intissar never gave up.

Read The Passive poem and find the passive clauses.

The Passive poem

The cans **were collected** from family and home,

The cans **were washed and dried** in the sun,

The cans **were flattened** and cut to plan,

The ideas collected throughout the land,

The cans **were polished** when finally finished,