

## Lessons 3-4 Local Inventions

**Before you Read: Look at the title, the subtitles, any words in bold type.**

1. Where is this article written? \_\_\_\_\_

a) Brochure      b) News paper      c) magazine

The screenshot shows the front page of The Emirates Times newspaper. At the top, there is a logo for 'UAE THE BEST' and a pink banner with the text 'innovate ideas' and 'be inspired make a decision'. The main title 'THE EMIRATES TIMES' is in large, bold, black letters. Below it, a sub-headline reads 'LOCAL INVENTORS LEADING THE WAY'. The date 'SATURDAY, MARCH 17<sup>th</sup>' and location 'DUBAI, UAE' are also visible. The article is divided into two columns. The left column is titled 'Youngest Emirati to have a registered patent in the USA' and discusses Khalifa Al Rumaithi's invention. The right column is titled 'The first female Emirati to have a registered patent in the USA' and discusses Reem Al Marzouqi's invention. At the bottom of the page, there are icons for 'Food & Drinks', 'Weather Report', 'Fashion', and 'World Events'.

**Youngest Emirati to have a registered patent in the USA**

In 2016, Khalifa Al Rumaithi 16, invented a system called Eye Safe Zone. The innovative system works to protect children from getting too close the television and damaging their eyes. When a child gets too close to the television a message will appear on the screen telling them to move back.

The USA government loved the idea and have given Khalifa the patent, which means only he can make money from his idea.

We asked Khalifa how he thought of this idea "My father is always telling my sister she is too close to the TV."

Khalid said he enjoyed inventing things. "I want to help my country. If there is a problem, I want to try and find a solution to it."

**The first female Emirati to have a registered patent in the USA**

In 2017, Reem Al Marzouqi 26, received a USA patent for her foot-controlled car designed for people with no arms. The car allows people to drive it without using their upper body. She said she was inspired by people, that's where she got her ideas from.

The young engineer is the first woman from the UAE to have achieved something so special for women in her country. She said it was the perfect time for young people to innovate.

When we asked Reem how she makes her invention decisions, she said, "I create inventions that will help the community."

**After you read, answer the questions below:**

a) How old was Khalifa when he invented his system? \_\_\_\_\_

b) Who was Eye Safe Zone invented for? \_\_\_\_\_

c) What does patent mean? \_\_\_\_\_

d) Who invented the foot-controlled car? \_\_\_\_\_

e) Why is Reem's achievement significant? \_\_\_\_\_