1001 INVENTIONS

DISCOVER THE MUSLIM HERITAGE IN OUR WORLD

PRIMARY SCHOOL ACTIVITY SHEET

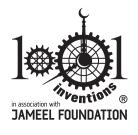
Hello, or as we say in the Muslim world, 'Assalaam Alaikuum' which means 'Peace Be with You'.

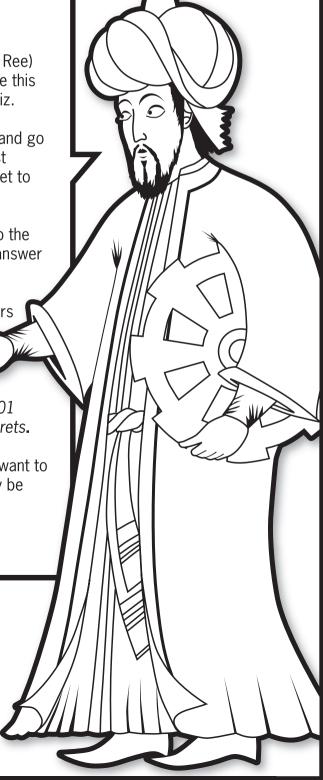
I am **AI-Jazari** (pronounced AI Jazza Ree) the inventor. Come with me to explore this wonderful exhibition and enjoy my quiz.

- Look at the seven areas (zones) and go to the one where there are fewest people first. This will mean you get to use things easily.
- When you get to the zone, turn to the matching page in my guide and answer the questions.
- Don't cheat! I have put the answers upside down at the bottom.
- Keep your own score.
- Don't forget to watch my film 1001 Inventions and the Library of Secrets.

You can work together and you may want to work with an adult – you will probably be quicker than them anyway!

Now enjoy each of the zones!





HOME ZONE

The Home Zone shows how everyday life is influenced by people from a thousand years ago - like **lbn al-Haytham**.

- 1) What did he do that helped lead to the invention of the camera? Did he:
 - a) Invent film?
 - **b)** Work for a TV company?
 - c) Discover how the eye works?

In the Home Game interactive, find all the things that were influenced by Muslim civilisation. There are 20 to discover. How many did you find in the time? I scored in this game. Below is a picture of my famous Elephant Clock. THE PARTY OF THE P What country does the elephant remind you of? What country do the dragons remind you of? How many did you score out of three?

I. c **2.** India but I will give you a point if you said Africa (which is not a country). **3.** China

Answers

SCHOOL ZONE

In the School Zone, find out how some of our lessons today are based on important discoveries made in Muslim lands. Do you like school? I did but I suppose I was very clever.

This is **Fatima al-Fihri**. She is one of the most famous women from the Muslim world. Try to find out:

Where did she come from? a) Morocco b) Mexico c) Manchester	Was she: a) Rich? b) Poor? c) Neither?	Did she start: a) A school? b) A hospital? c) One of the first un	iversities?
You can look at the panels, pick or watch the videos.	up the phone		
Find the Word Routes game. On English words, and on the other Arabic, Hindi or Persian. Can yo words with their English meanin	the original word in ou write down two		
Now, one of my own favourites. with the handle – spin the whee			
What three words light up?			V
2)			
3)			
People in Muslim lands were us chemicals over a thousand year			
• • •			
			war
Join up the dots here. What numbers do they make?	See a		and the same
How many did you score out of four?			
4. 3, 5, 9 – one point for each	7. 1.8 2.b 3.c 4		

MARKET ZONE

Welcome to the Market Zone - where you will find me again. I'll tell you about travel and trade in Muslim civilisation.

Can you answer these two questions?

- **Taqi al-Din** invented a water pump, and this helped us grow some new crops. Were they:
 - **a)** Carrots and turnips?
 - **b)** Peaches and apricots?
 - c) Potatoes and cabbage?

- Muslims produced oil and wrote about how to use it.
 Without it, we couldn't have:
 - a) Milk shakes?
 - **b)** Smoothies?
 - c) Petrol?

How did you get to the museum today? How long did it take you? I bet you did not come by camel or travel for 29 years.

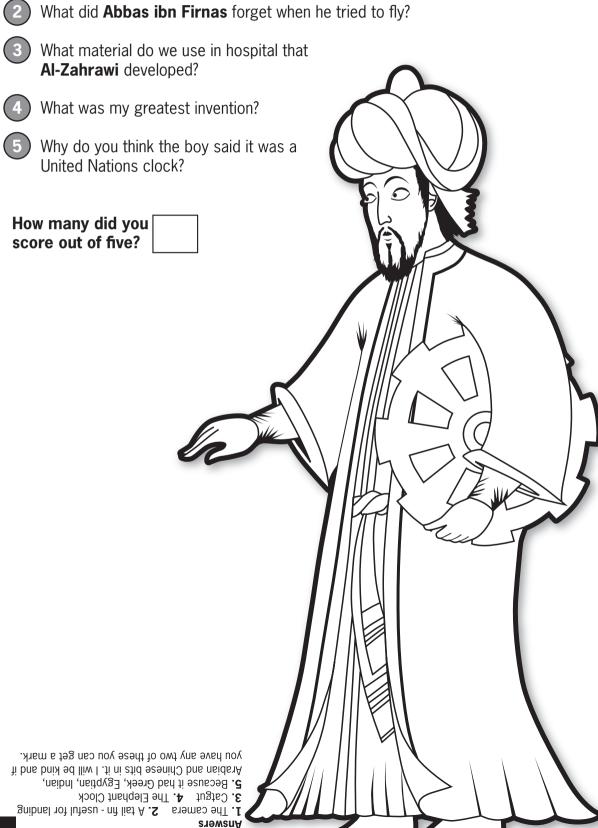
Well, a famous traveller called **Ibn Battuta** (lb in bat too tah) did.

He travelled 75,000 miles and visited 44 countries. Try playing the Silk Route game, if you have time, and see how many coins you can collect. How many did you score out of two? 1.b 2.c

1001 INVENTIONS AND THE LIBRARY OF SECRETS

I am the star of this film. What do you think of my performance? But more importantly, can you answer my guestions?

- Ibn al-Haytham discovered how our eyes work and this led to an important modern invention. What was it?

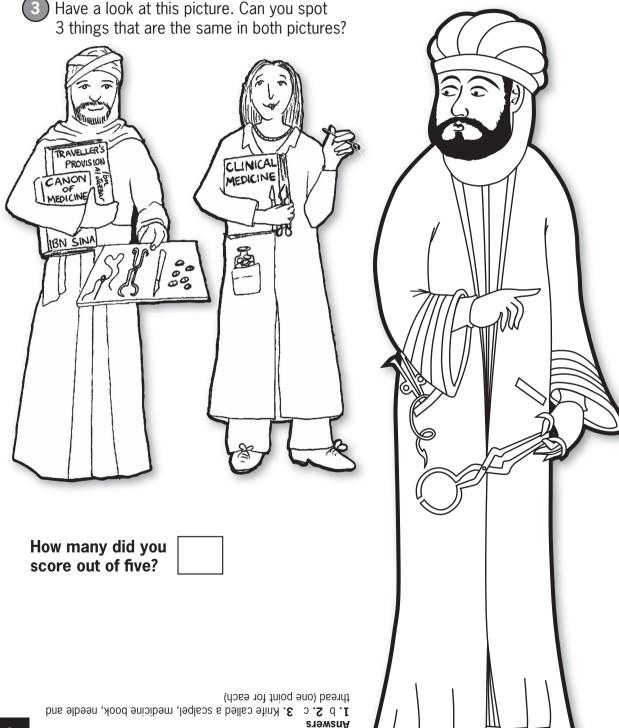


HOSPITAL ZONE

Have you been to hospital? I hope not. In the Hospital Zone, you can find out how people like **Al-Zahrawi** (Al za ra wee) were improving health care centuries ago.

Can you answer?

- Who wrote the first book about tools used in surgery?
 - a) Doctor Who?
 - **b)** Al-Zahrawi?
 - c) Your own doctor?
- Al-Zahrawi developed the use of stuff to sew people up after surgery. Was it called:
 - a) Horse hair?
 - **b)** Haircut?
 - c) Catgut?



TOWN ZONE

In the Town Zone, **Sinan** the architect from Turkey will explain the things Muslims did to make towns better for us all to live in. Try to answer these questions:

What does an architect do?

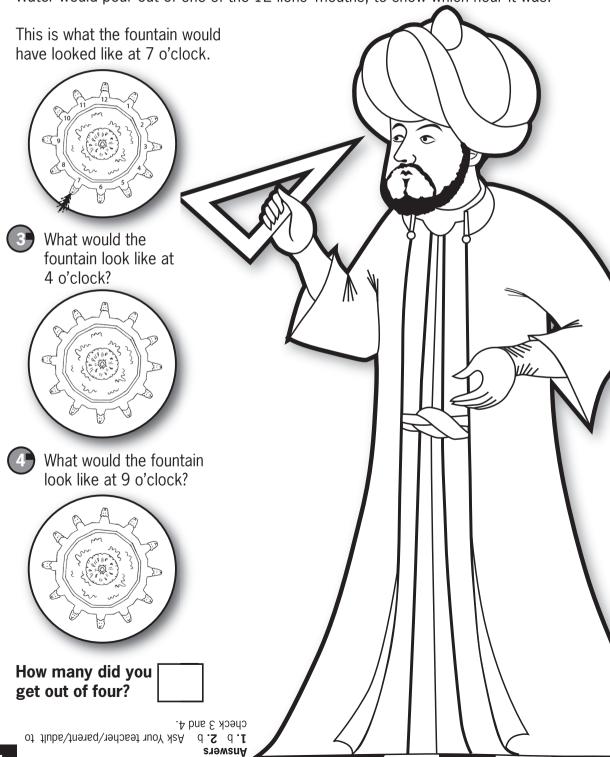
- a) Mend cars
- **b)** Design buildings
- c) Design handbags



How many buildings did Sinan design?

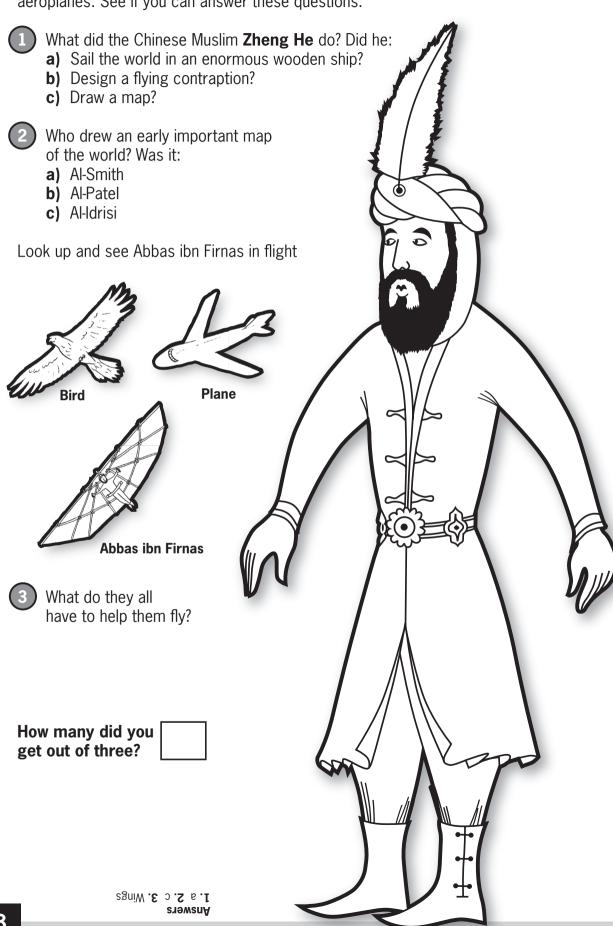
- **a)** Over 250
- **b)** Over 470
- c) Over 1000

Have a look at the Lion Fountain. It was used to show the time. Water would pour out of one of the 12 lions' mouths, to show which hour it was.



WORLD ZONE

In the World Zone meet **Abbas ibn Firnas** - a man who tried to fly long before aeroplanes. See if you can answer these questions.



UNIVERSE ZONE

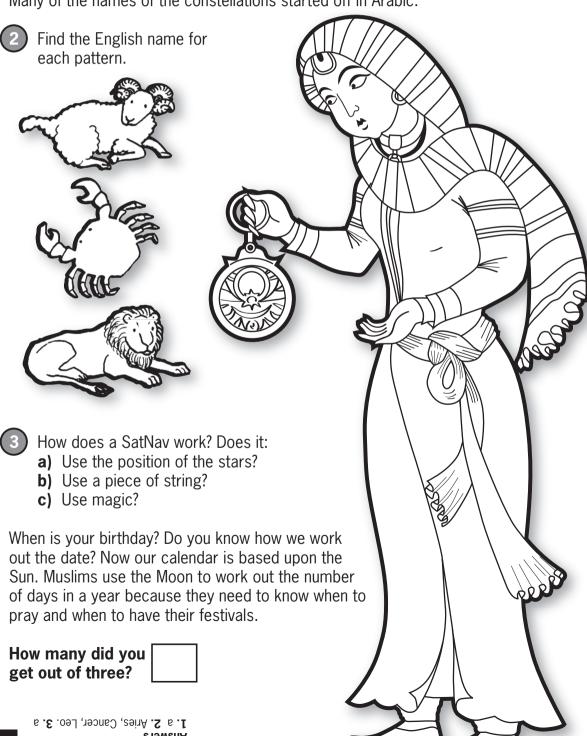
In the Universe Zone, find out how Muslims have helped us to understand our universe. You can meet **Merriam al-Ijliya** who made astronomical instruments.

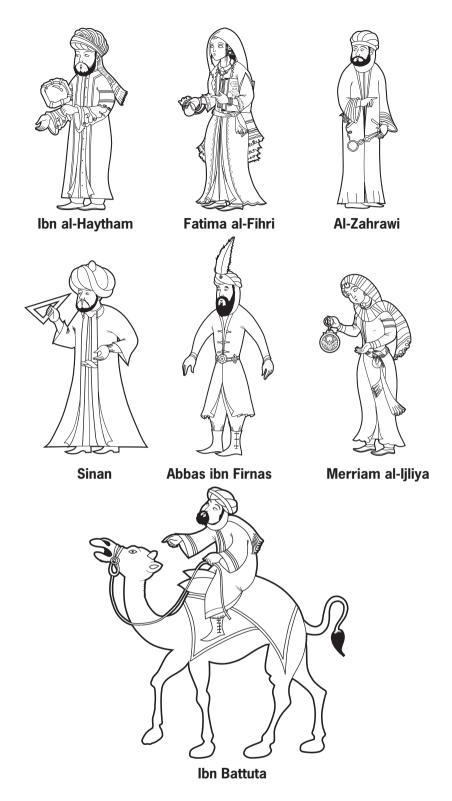
Do you know what the study of stars is called? Is it:

- a) Astronomy
- **b)** Aston Villa-ology
- c) Antology

Play the Star game – How many constellations (star patterns) can you find?

Many of the names of the constellations started off in Arabic.





It has been wonderful taking you round the exhibition. Take this leaflet home as a souvenir - you may want to colour it in later. It was lovely to meet you.

And if you want to see me again, just visit www.1001inventions.com.



