

**Science
Special**

**Issue 2
Feb 2022**

**NEWS + JOKES + PUZZLES +
COMICS + QUIZ + SCIENCE**



the meadgate magazine



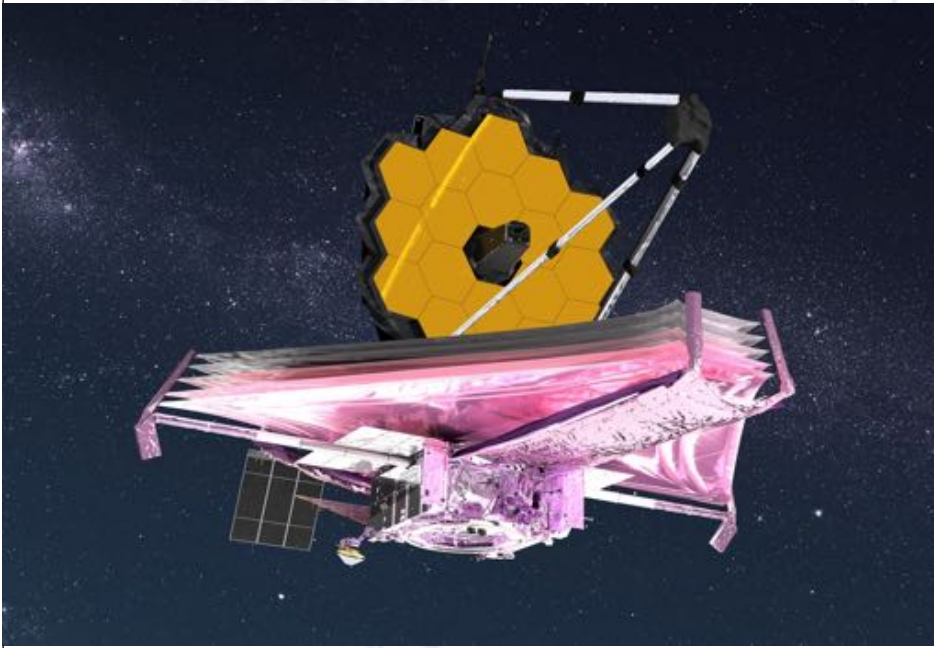
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The James Webb Space Telescope (JWST) is a space telescope designed by NASA, the European Space Agency and the Canadian Space Agency. The construction of space telescope got completed in 2016, however the telescope was tested extensively since then. On 25.12.2021, the JWST was launched by Ariane 5 launch vehicle from Kourou, French Guiana in South America.



JWST will help investigate the oldest and most distant objects of the Universe including formation of the first galaxy.

Puzzlers

P	A	T		E	A	L
M	A	N		A	S	Y
B	E	T		X	I	S
S	T	I		I	N	G
F	O	R	T	I	N	Y
K	I	S		E	L	L

Hidden Word

Fill in the missing letters to form a word on either sides.

We've filled "T", to get two words
FORT and
TINY

ATLANTA'S RACE



... to be continued.

From the Editor

Hello readers

I am an eight year old boy living in Great Baddow. I am a fun loving person who is interested in Geography and Space.

I thank you so much for reading this magazine. I would be grateful if you could share your feedback at **themeadgatemagazine@gmail.com**

An atom is made of positively charged Protons, neutral Neutrons and negatively charged Electrons. The Protons and the Neutrons together make the nucleus, around which the Electrons orbit.

The nucleus is held together by the nuclear force, keeping the nucleus stable. However, there are few large atoms which has too many Protons or Neutrons. This upsets the nuclear force making the nucleus unstable.

An unstable nucleus gives away few Protons or Neutrons resulting into a different atom. This is called Radioactive Decay.

For example, Francium decays into Radium or sometimes Astatine which turns to Radon.

Jokey John

What does the cloud wear under his raincoat?

His Thunderwear

Quiz

Q-02

How long does it take approximately for the **Sunlight** to reach **Earth**?

Options:

- a. 4 sec
- b. 8 min
- c. 1 light year

Email your answer to **themedadgatemagazine@gmail.com** with your name and age with **Q-02** in the subject line.

The closing date is **14-Feb-2022**

Answer to Q-01: **Currency** used in **Ancient Greece** is **Drachma**

Read our previous issue here



In our previous issue, we had

- Parker Solar Probe
- Atlanta's Race E-01
- Jokes/Puzzles/Quiz etc