

World Space Week 2019



#WorldSpaceWeek



To kick off World Space Week can you correctly identify the 6 satellite photographs of famous landmarks?. Tweet your answers using #STEMGlasgow



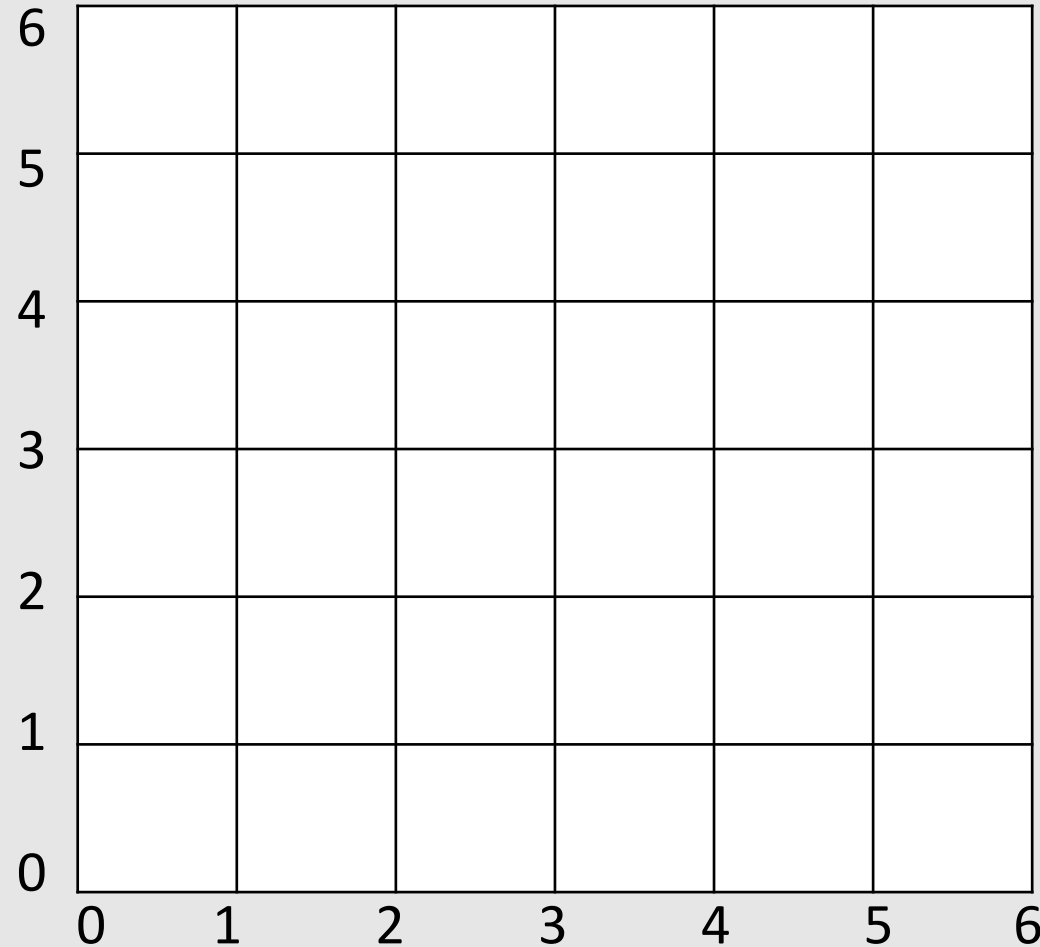
I think one of these is quite close to home

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Using the coordinates below help Alex plot the constellations. Tweet your answers using #STEMGlasgow

Libra: Join lines from (2,3) to (3,3) to (3,4) to (2,5) and (1,4). (2,3) to (3,4)
Lynx: Join lines from (0,0) to (1,1) to (2,4) to (4,3) to (4,5) to (5,6)
Hydra: Join lines from (0,2) to (1,2) to (4,0) to (6,3)
Cancer: Join lines from (3,1) to (2,3), (3,1) to (0,4) and (3,1) to (6,3)

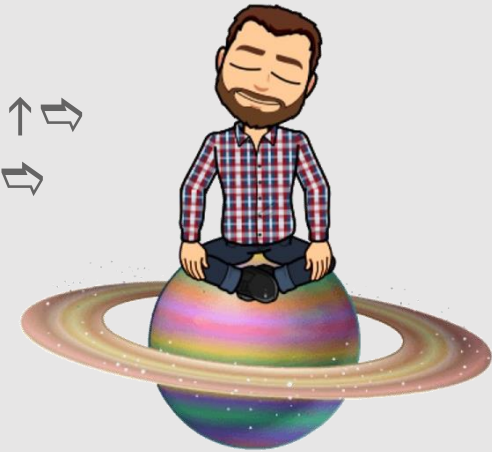


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Mark is sending a coded message to the ISS. Can you decipher what space fact Mark has sent? Tweet your answers using #STEMGlasgow

◀↑⇨ ◀↕◀⇨↙ ⇨▶↘⇨⇨△ ↕← ▽◀⇨△▽ ↓⇨ ◀↑⇨
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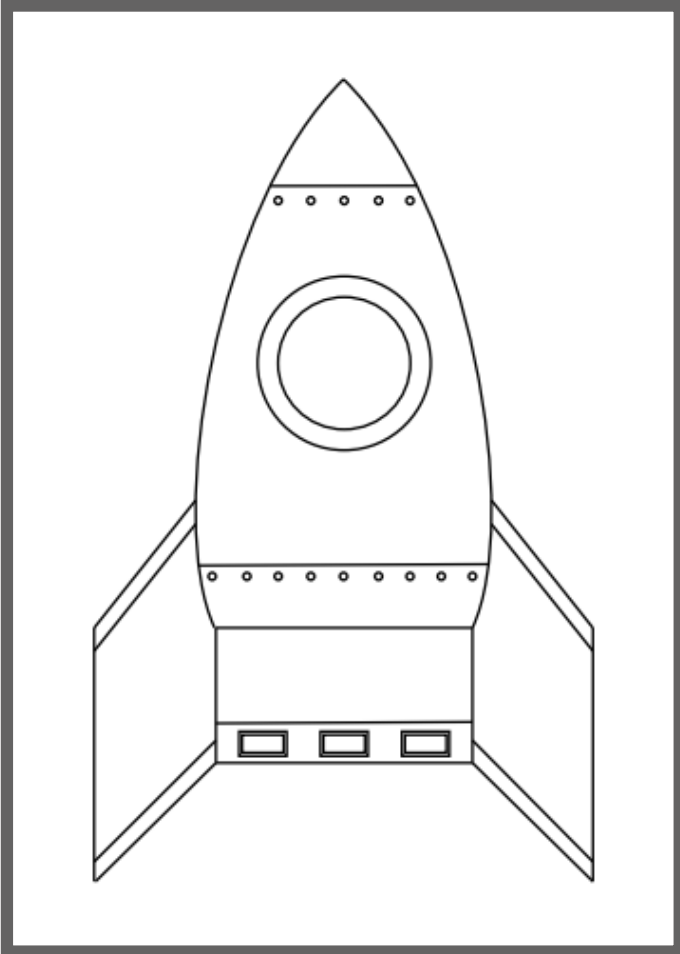


a	b	c	d	e	f	g	h	i	j	k	l	m
⇨	⇩	⇨	↖	⇨	←	→	↑	↓	↖	↗	↙	↘
n	o	p	q	r	s	t	u	v	w	x	y	z
⇨	↕	▲	▼	△	▽	◀	▶	◁	▷	◄	◅	◆

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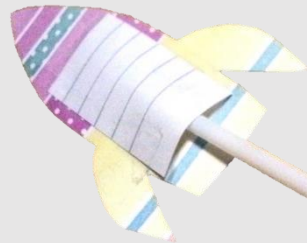
Help Hannah make straw rockets to celebrate space week. Follow the instructions below and tweet your models using #STEMGlasgow



You will need: rocket printout, a straw, sticky tape, colouring materials, scrap paper

What to do:

1. Colour and cut out the rocket printout (back onto card to make it more durable).
2. Attach a rectangle of paper securely to the back using sticky tape. Make sure it is well sealed and can fit the straw.
3. Blast off!! Blow into the straw to send your straw into orbit.



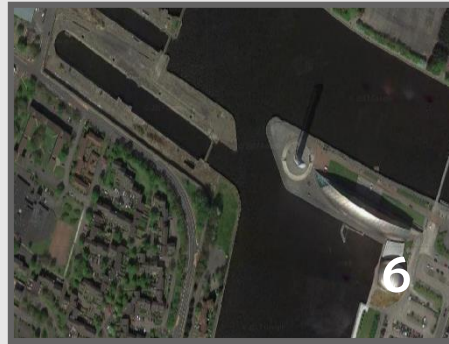
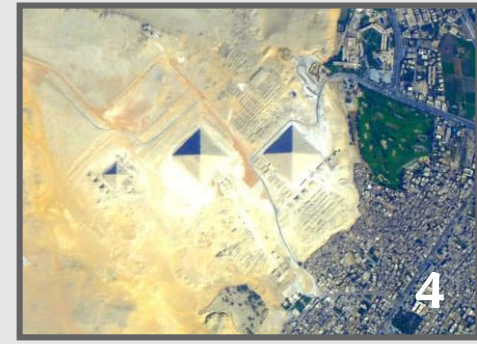
Blast off!



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Help Alex identify these world landmarks. Tweet your answer using #STEMGlasgow



Tim Peake sent me these pictures but I am not sure where they are. Can you help by tweeting your answers?



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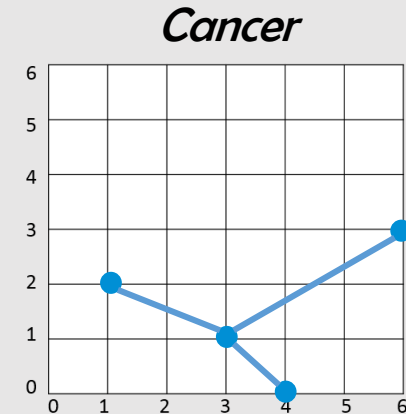
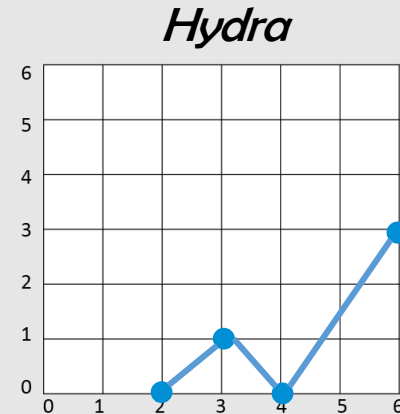
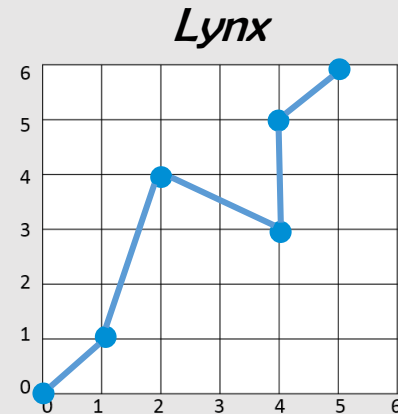
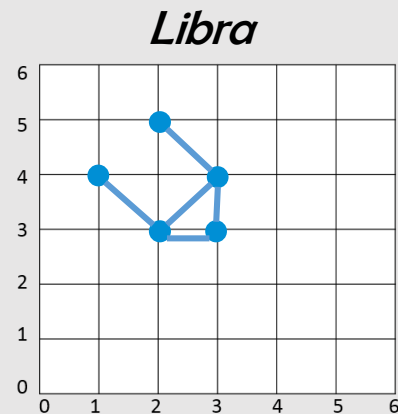


Answers

Challenge 1

- A. 1 – *The Pentagon (Washington DC, USA)*
2 – *Hoover Dam (Nevada, USA)*
3 – *Riverside Museum (Glasgow, Scotland)*
4 – *Stonehenge (Wiltshire, England)*
5 – *Taj Mahal (Agra, India)*
6 – *The Vatican (Rome, Italy)*

Challenge 2



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Answers

Challenge 3

- A. *The total number of stars in the universe is larger than all the grains of sand on all the beaches on planet earth.*

Challenge 4

- A. N/A

Challenge 5

- A. 1 – Mount Everest (Nepal)
2 – London (England)
3 – Great Barrier Reef (Australia)
4 – Cairo (Egypt)
5 – Paris (France)
6 – Glasgow Science Centre (Scotland)
7 – Skara Brae (Orkney)
8 – New York (USA)

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