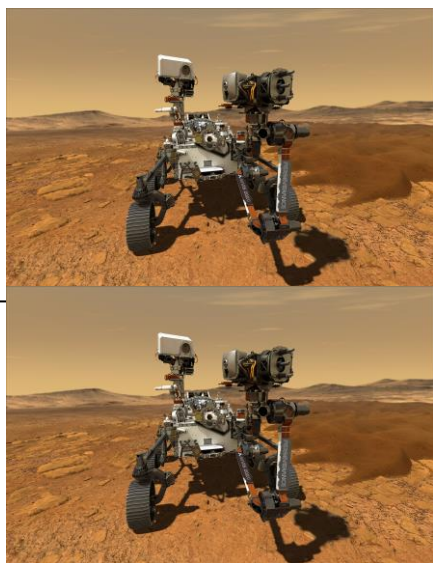




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12th July 2022

To all the Staff & Pupils of St Peter's-in-Thanel CE Junior School



I did enjoy meeting you all and teaching you about Astronomy. It stays light until very late now, so the night sky can't really be viewed until 10.30pm onwards. So, Fridays and Saturday are best for this when it is not a school night. The easiest constellations to find are: The Plough, which is shaped like a saucepan, and the 'W' (Cassiopeia) the Queen. Leo will be placed nicely in the south west, and Virgo will be seen next to it in the south. Bootes which is shaped like a kite will be seen above Virgo. Next to Virgo, in the south east, Hercules will be seen, and Cygnus can be seen in the east. Pegasus can be seen rising in the east from around 11pm. At the moment, no planets can be seen in the evenings. Mars, Jupiter, and Saturn can only be seen before dawn. On the 13th, it will be full moon, and its closest approach to Earth for 2022, so called a 'supermoon'.

evenings at the moment. Satellites will appear as slow moving 'stars.' The website is www.heavens-above.com. I have written an e-book on this and it is now available from our website for £4.00. A paperback copy is also available in black & white and full colour versions. Check the website for details - plus there are also five other books on various subjects of space.

This is a very difficult subject to teach. But I was very surprised with how much you already knew, so **Full Marks for all your teachers**. I do visit many schools around the country trying to get people interested in Space and looking after our planet. The show is very popular, the last 2 years have been the most difficult ever due to the pandemic, but we are now very booked up once again. It doesn't cost anything to book early for another visit.

We have now been operating over 3½ years in full digital with a star projector at 4k resolution. One of the first of its kind in the UK, and it allows the audience to view stars from any planet. It replaced our mechanical system, but that will remain as a back-up system.

ASTROFEST IS A BIG ASTRONOMY FESTIVAL HELD IN LONDON EVERY YEAR WITH LECTURES, TRADE STANDS ETC. The next one will be early February 2023 at the Town Hall in Kensington.

www.astronomyroadshow.com

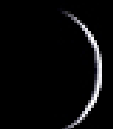




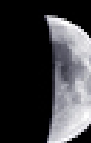
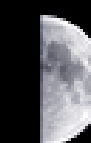









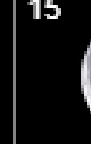
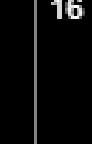

















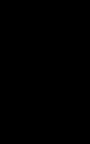

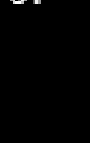
Special thanks to the staff for making the arrangements & their hospitality



Yours sincerely,

Peter Bassett (Dr Who)



««		July 2022					»»	
Sun	Mon	Tue	Wed	Thu	Fri	Sat		
					1		2	
3	4	5	6	7	8	9	10	11
								
12	13	14	15	16	17	18	19	20
								
21	22	23	24	25	26	27	28	29
								
30	31							
								

The moon can be seen in the evenings at the moment, and for the next 9 days or so. It will then be seen in the mornings for the rest of July. Full moon ‘Supermoon’ will be on the 13th July.

Sunrise/Sunset Calendar

July 2022

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1 Sunrise: 4:47am Sunset: 9:21pm	2 Sunrise: 4:48am Sunset: 9:21pm
3 Sunrise: 4:49am Sunset: 9:20pm	4 Sunrise: 4:50am Sunset: 9:20pm	5 Sunrise: 4:50am Sunset: 9:20pm	6 Sunrise: 4:51am Sunset: 9:19pm	7 Sunrise: 4:52am Sunset: 9:19pm	8 Sunrise: 4:53am Sunset: 9:18pm	9 Sunrise: 4:54am Sunset: 9:17pm
10 Sunrise: 4:55am Sunset: 9:17pm	11 Sunrise: 4:56am Sunset: 9:16pm	12 Sunrise: 4:57am Sunset: 9:15pm	13 Sunrise: 4:58am Sunset: 9:14pm	14 Sunrise: 4:59am Sunset: 9:13pm	15 Sunrise: 5:01am Sunset: 9:12pm	16 Sunrise: 5:02am Sunset: 9:11pm
17 Sunrise: 5:03am Sunset: 9:10pm	18 Sunrise: 5:04am Sunset: 9:09pm	19 Sunrise: 5:06am Sunset: 9:08pm	20 Sunrise: 5:07am Sunset: 9:07pm	21 Sunrise: 5:08am Sunset: 9:06pm	22 Sunrise: 5:09am Sunset: 9:04pm	23 Sunrise: 5:11am Sunset: 9:03pm
24 Sunrise: 5:12am Sunset: 9:02pm	25 Sunrise: 5:14am Sunset: 9:00pm	26 Sunrise: 5:15am Sunset: 8:59pm	27 Sunrise: 5:16am Sunset: 8:58pm	28 Sunrise: 5:18am Sunset: 8:56pm	29 Sunrise: 5:19am Sunset: 8:55pm	30 Sunrise: 5:21am Sunset: 8:53pm
31 Sunrise: 5:22am Sunset: 8:52pm						

The night sky seen at 11pm early-mid July

Find a safe place to stargaze, preferably away from the glare of artificial lights. Turn to face south (the Sun sets approximately to your right) with north at the top of the page; the lower half of the chart will represent the southern region of sky you are facing. Turn around and face north, rotate the map so that south is at the top; the lower half of the chart will now represent the northern region of the sky you are facing. And so on for other points of the compass. The centre of the chart always represents the point overhead, or the zenith.

