

## Maths

LI: to solve and create time problems based on sun rise and sunset data.

Date	Sunrise	Sunset	Length of day
13 <sup>th</sup> April	5.40	20.00	
14 <sup>th</sup> April	5.38	20.02	
15 <sup>th</sup> April	5.36	20.03	
16 <sup>th</sup> April	5.34	20.05	
17 <sup>th</sup> April	5.32	20.08	
18 <sup>th</sup> April	5.30	20.10	
19 <sup>th</sup> April	5.28	20.12	

The Earth rotates on its axis to create day and night. One full rotation is one full day, so that means Earth takes 24 hours to rotate once, as there are 24 hours in a day.

Can you calculate the different lengths of these days?

Show me your workings out.

Extension:

Create your own table with sunrise and sunset times for a different month. Show the length of day.

## English

Watch the **Invasions** short film on YouTube again. Imagine that you are the alien and you are able to write. Write a postcard to your alien friend back home. State what you liked/disliked about Earth. There is a postcard template on Google Classroom if you have a printer and want to print one out.

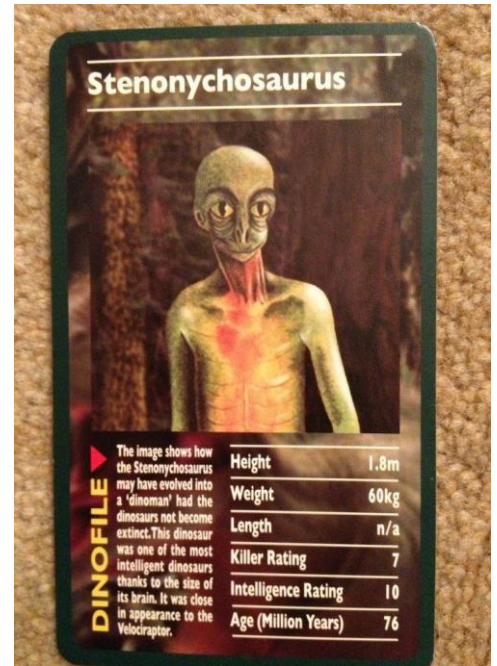


## Dinosaurs

Design a set of alien top trump cards. You can decide on the categories or use the ones on the card opposite.

They are: Height, weight, Length, Killer Rating, Intelligence

Rating and Age (Million Years).



## Extension

Practice your times tables. If you are able to, maybe you could go online and play on the maths games we use in school.

I look forward to receiving your work.

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Mrs Wilkes