

# Sing a song of



# Science

Tues 19<sup>th</sup> & Weds 20<sup>th</sup> March 2024 QE2 Theatre  
Thurs 14<sup>th</sup> March 2024 St Swithun's

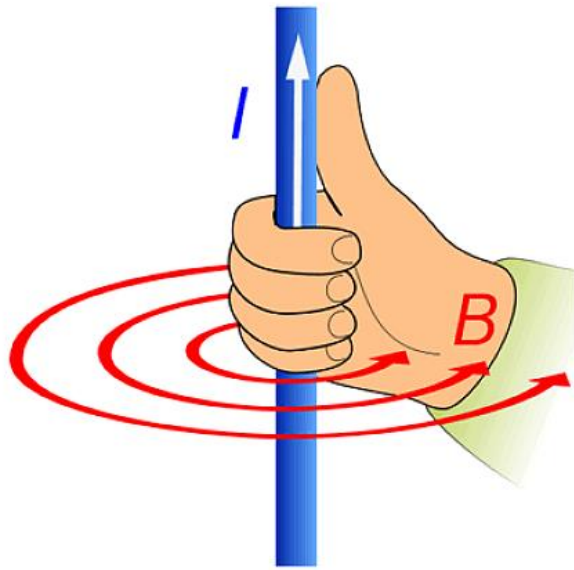


# Hell Bent for Weather

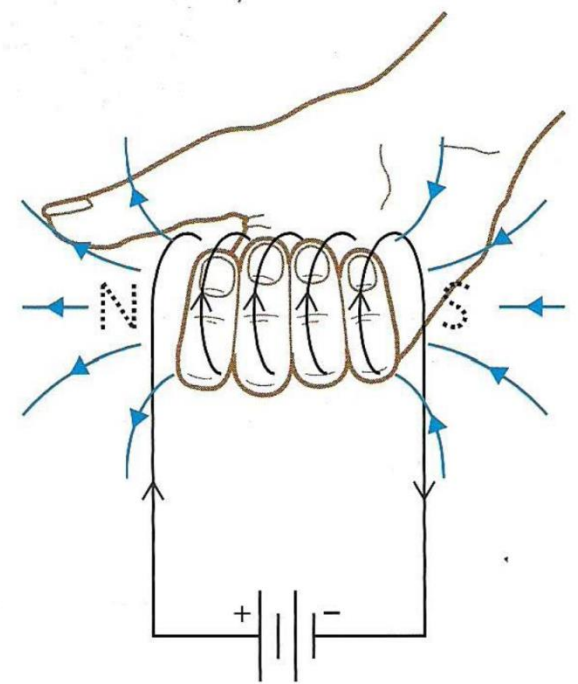




# You've got to use your electric hand

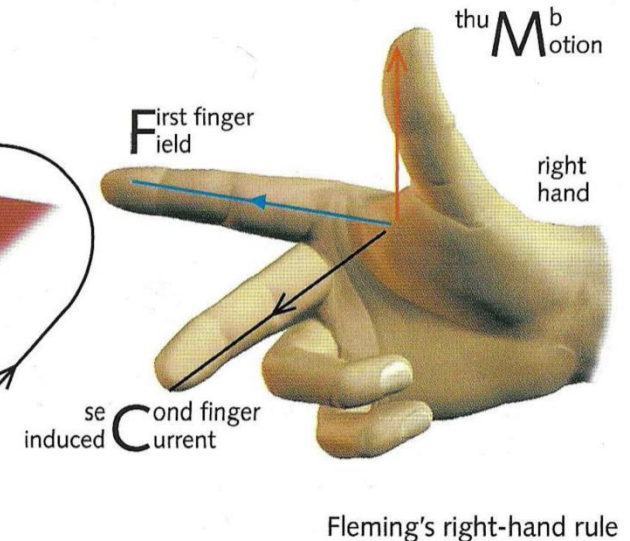
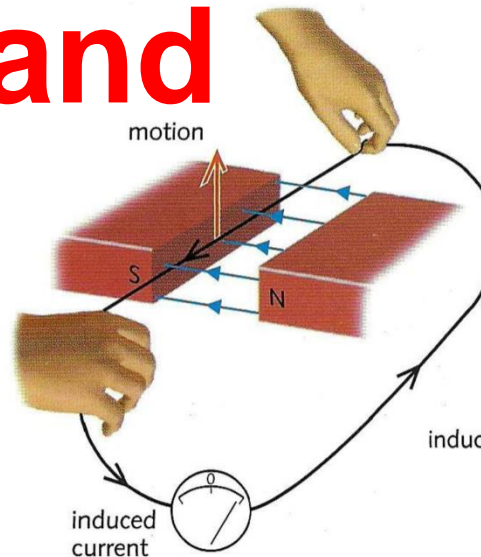
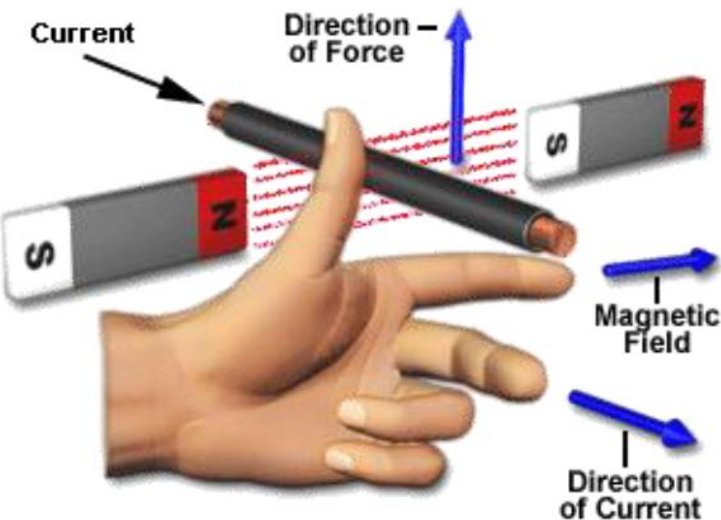


Right hand grip rule

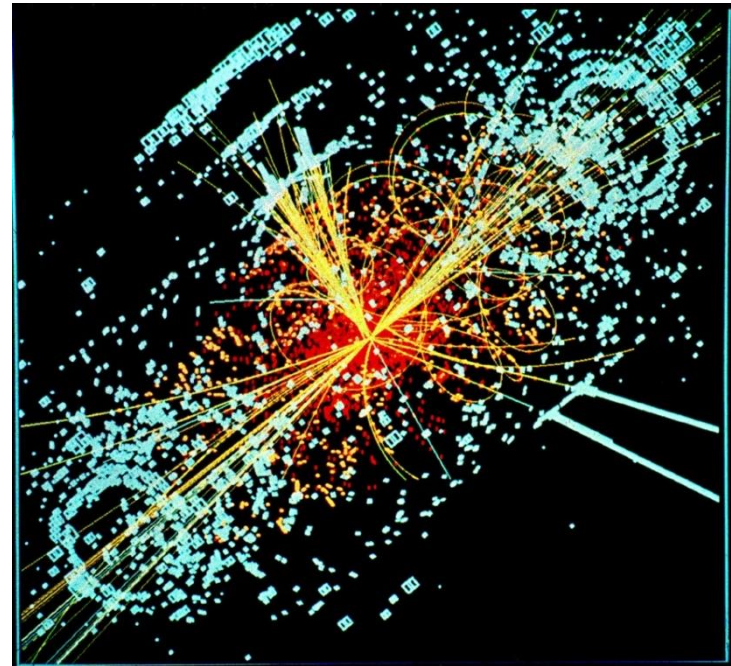


Right-hand grip rule for poles

Left Hand Rule

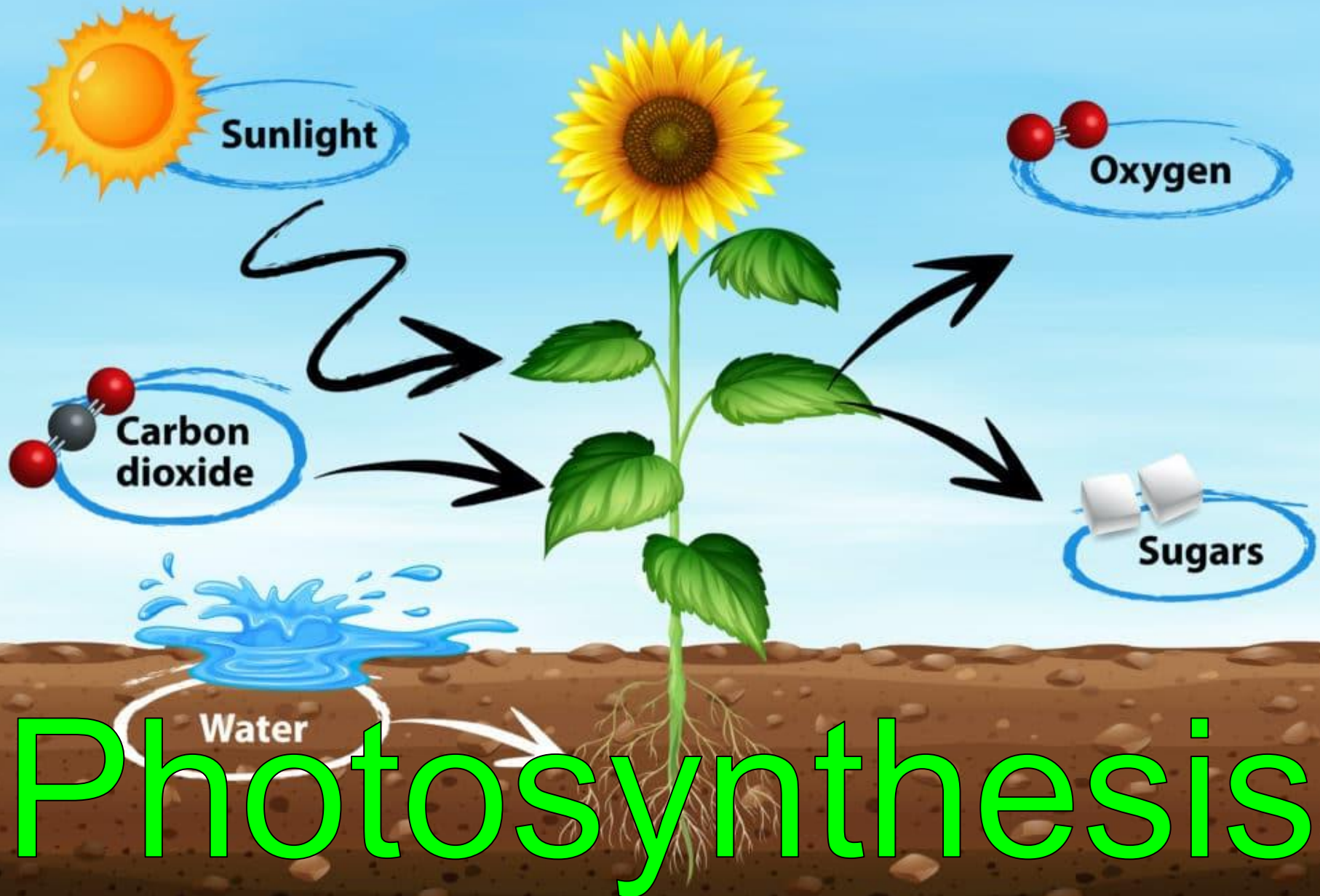


I'll be firing  
protons



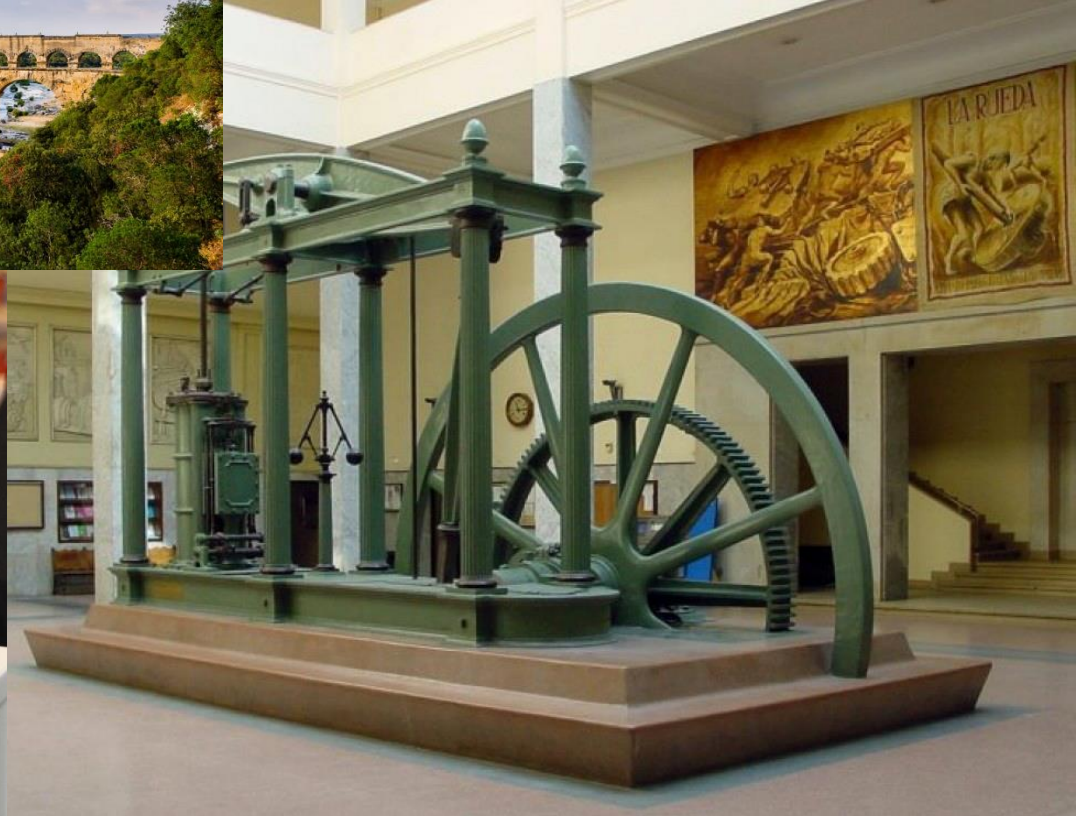
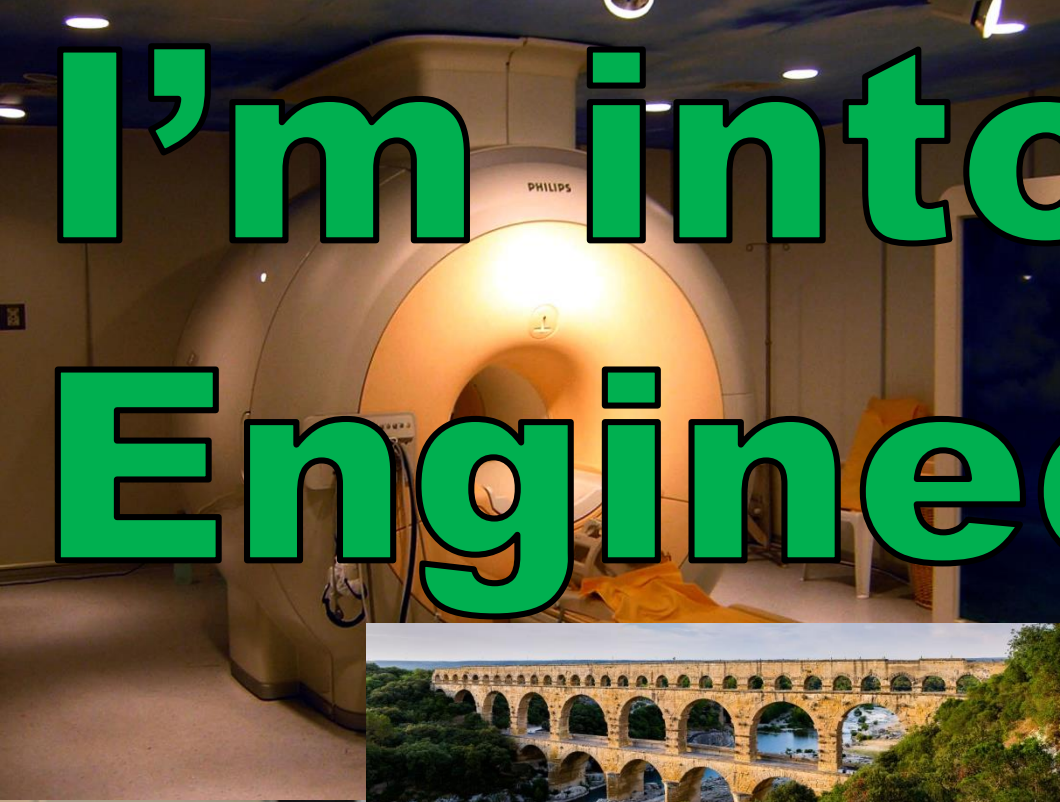


# Process of Photosynthesis





# I'm into Engineering



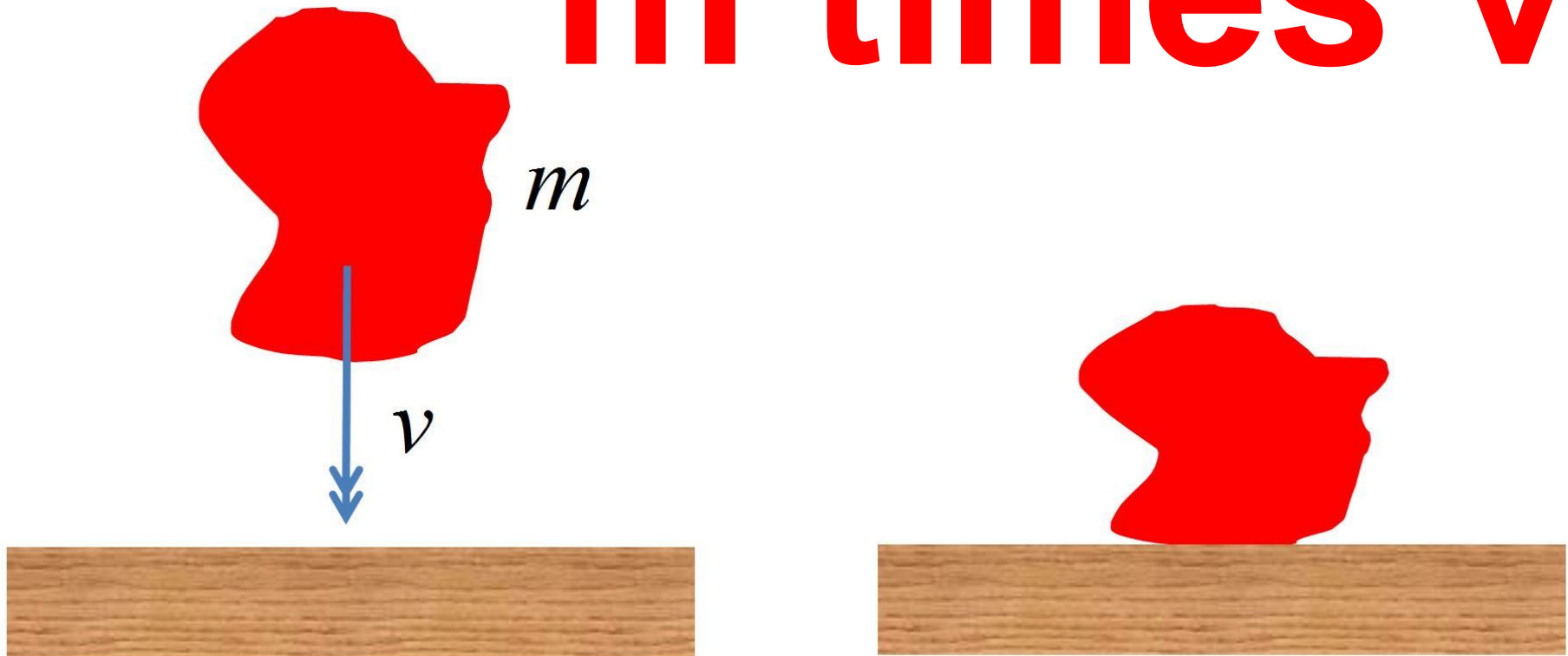




**Brian the  
Lion got a  
prion**



# $m$ times $v$



$$\frac{\text{speed of separation}}{\text{speed of approach}} = 0$$

Computing

Super Computer





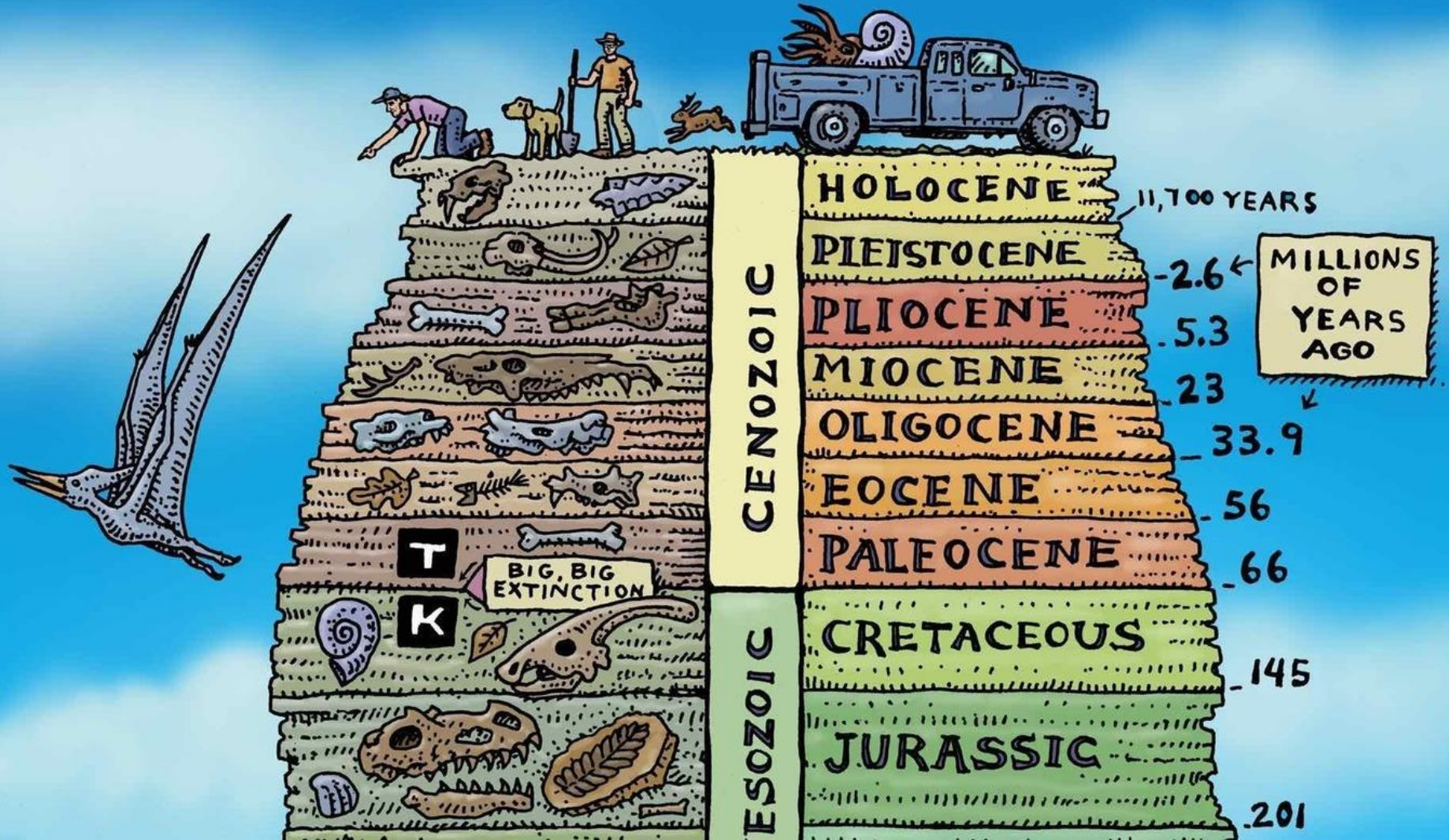

$$e = 2.71828\dots$$

$$e^{i\pi} = -1$$

$$e^{i\theta} = \cos \theta + i \sin \theta$$







**We all live in  
the Anthropocene**



$R = 26.9$

**MASS**  $\times$

$F = 8.07$

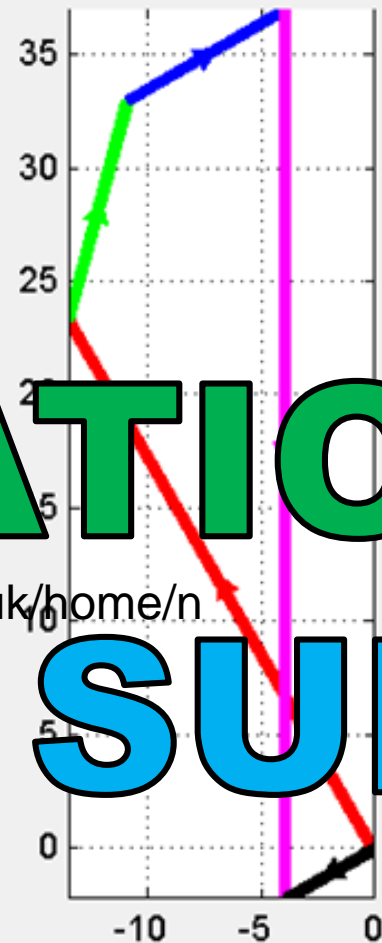
**ACCELERATION**

**= VECTOR SUM**

**OF FORCE**

<https://southamptonukulelejam.co.uk/home/next/jam/>

$V = 29.2$



R = Normal T = rope F = Friction

W = Weight of the Force

$a = 1.12 \text{ m/s}^2$

Acceleration

Coefficient of friction 0.3

Slope angle /deg 30

Rope angle /deg 45

Strength of gravity /ms<sup>-2</sup> 9.81

Cat mass /kg 4

Rope tension /N 10

Show mass x acceleration

Save .PNG

Fix axes scale

Defaults

☐ Hide



Andy "Dijon"  
French  
& Matt King

Tune based upon *Light my Fire*, *People are Strange* and *Break on Through* by  
*The Doors*. Lyrics and arrangement by

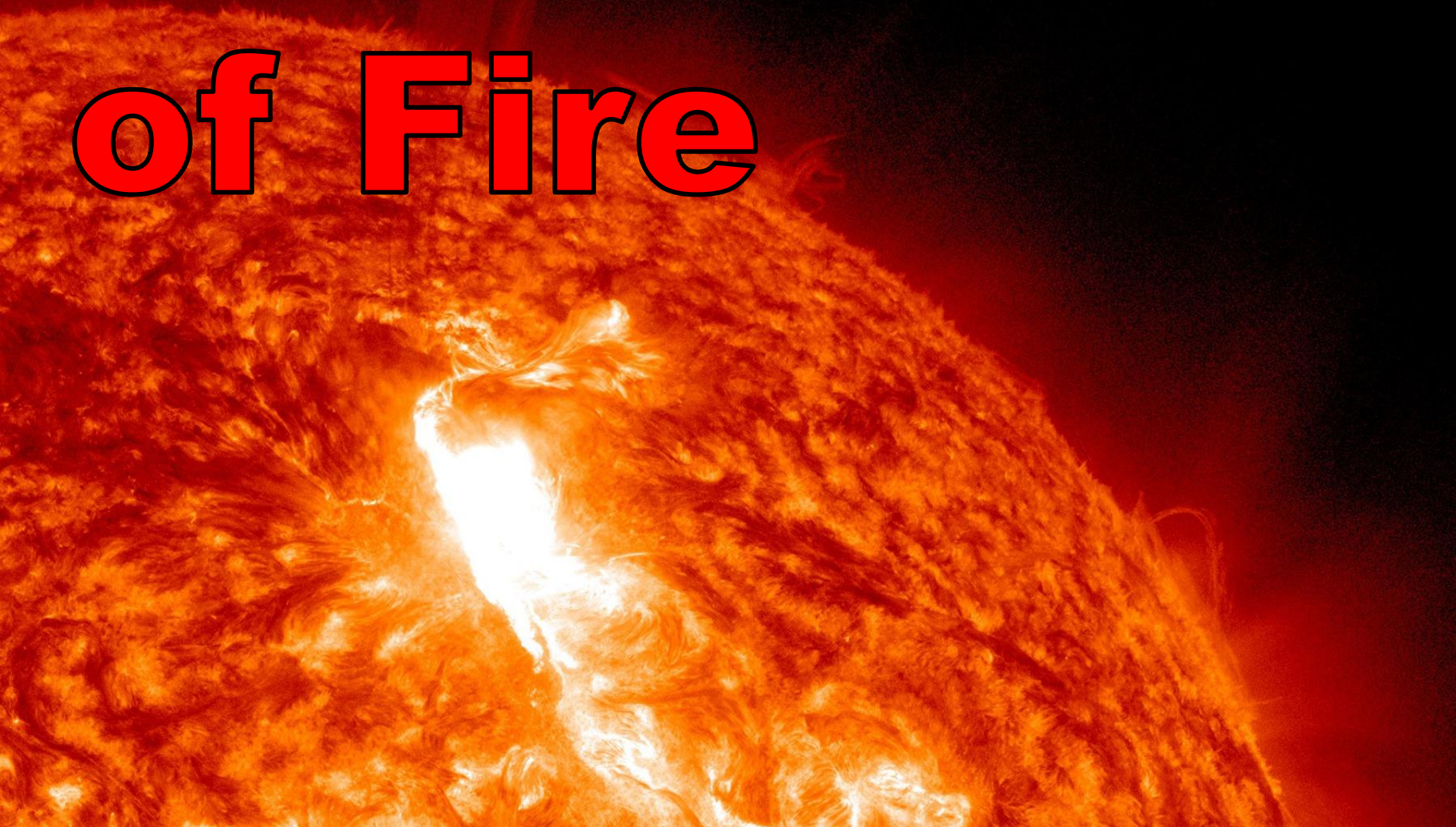


# That's a Moray





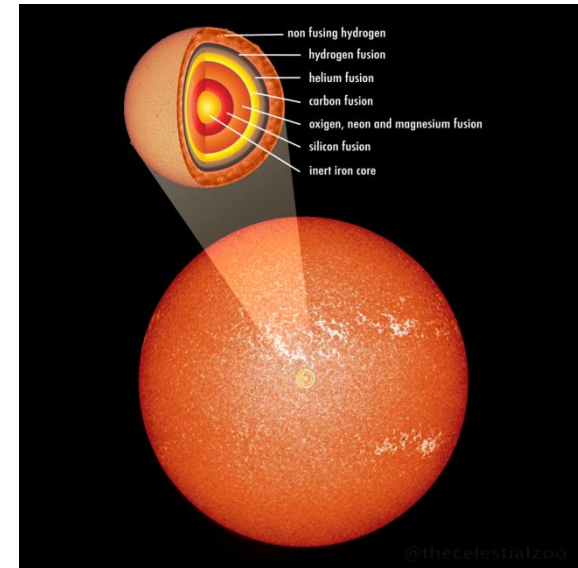
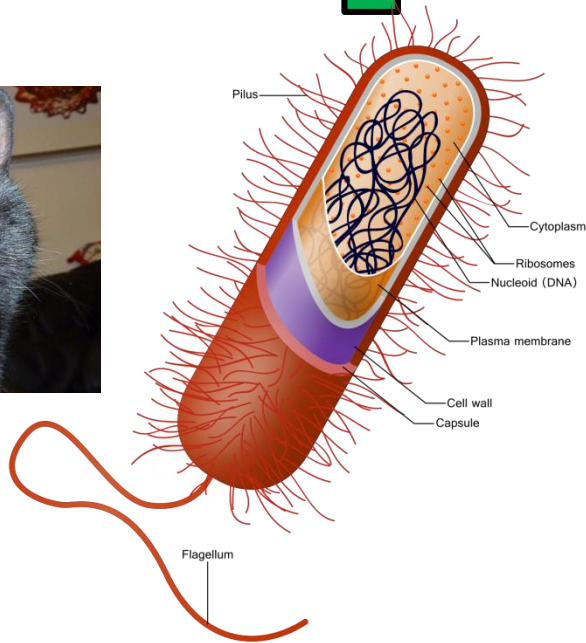
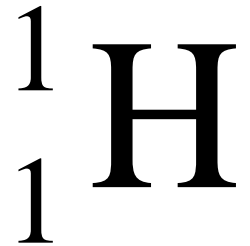
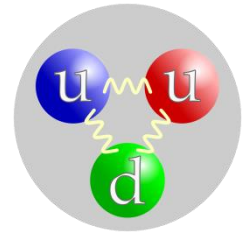
# Great ball of Fire





# Evolution

# Rhapsody



*That's all Folks!*





You want  
some  
more?



MORE?





Oh go on then...  
But I hope you  
like mushrooms





**We are the  
Champignons**





It ain't  
necessarily so ...

