

Stephen Hawking

Symbol Book

Stephen Hawking

Symbol

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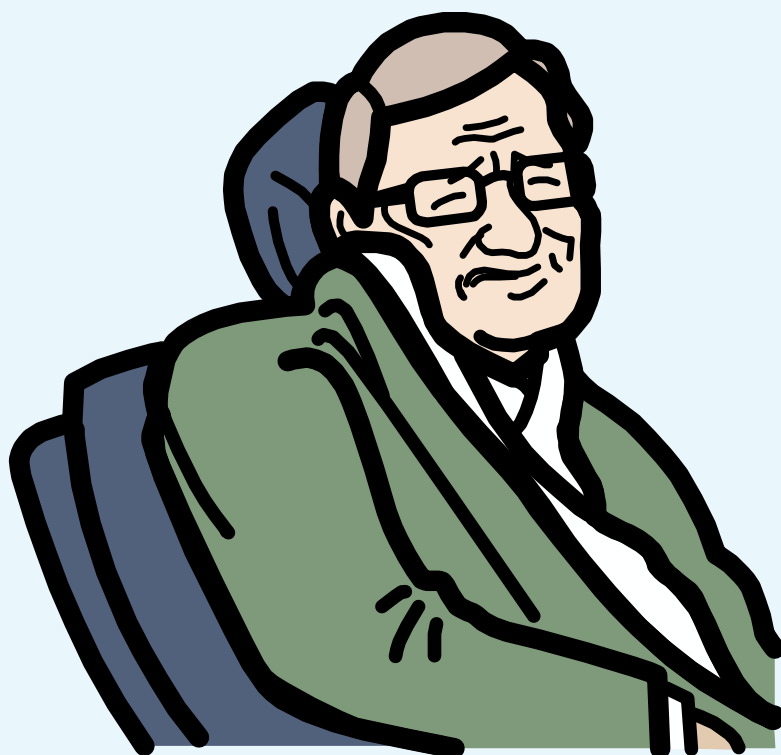
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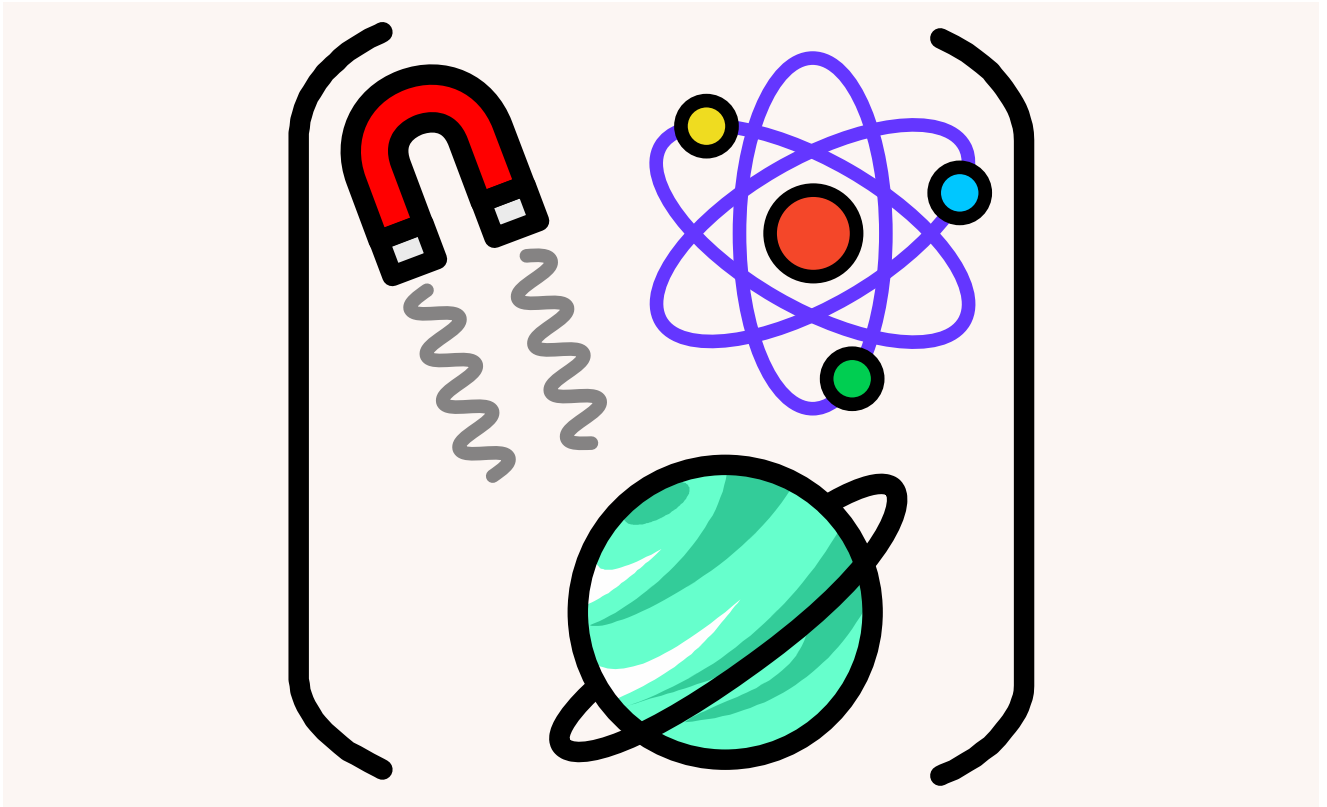


 was born  January  8th 1942.

He was the  child of  Frank and  Isobel.

As a  child he  enjoyed  games and  model making.

He  built a  computer from  recycled components.



Stephen



was

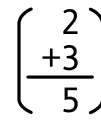
interested

in



science

and



mathematics.



Stephen



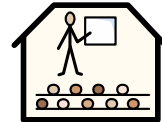
won

a



scholarship

to



Oxford University.



Stephen

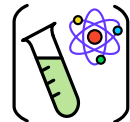


studied



physics

and



chemistry.



He



easily

gained

a



first class honours degree.



Stephen



then

studied



cosmology



at Cambridge.



Whilst

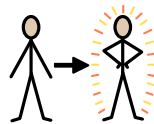


at

Cambridge



Stephen



became



ill.



He



struggled to



row,

and then



struggled to



walk.



He

was

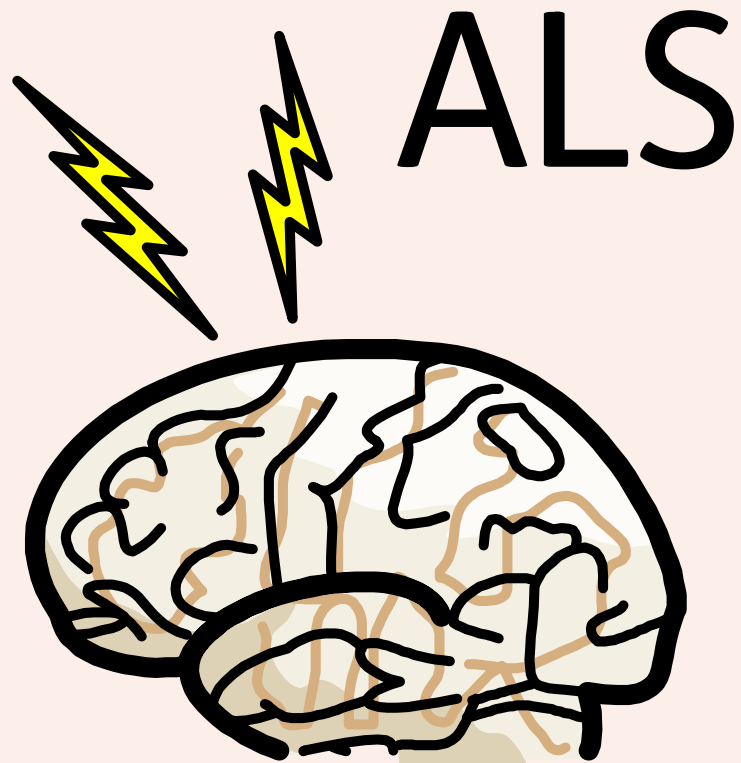


diagnosed

with



motor neurone disease.



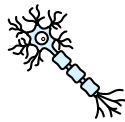
Stephen had Amyotrophic Lateral Sclerosis.



ALS

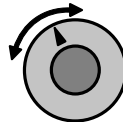


affects



the neurons

that



control

the



muscles.

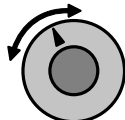


The

brain



cannot

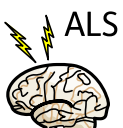


control

the



muscles.



ALS



affects



movement

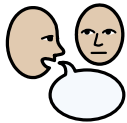
and



speech.



Doctors



said



Stephen

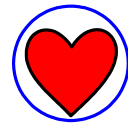


only had a few



years

to



live.



Stephen



proved

the



doctors

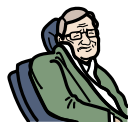


wrong.

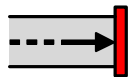
1966

In

1966



Stephen



completed



his



PhD



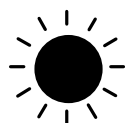
at Cambridge.



Stephen



wrote about






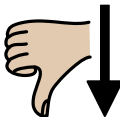
black holes


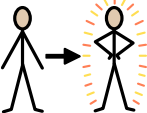





for his



thesis.







 Stephen's ALS gradually worsened.













 He became paralysed and used a wheelchair.

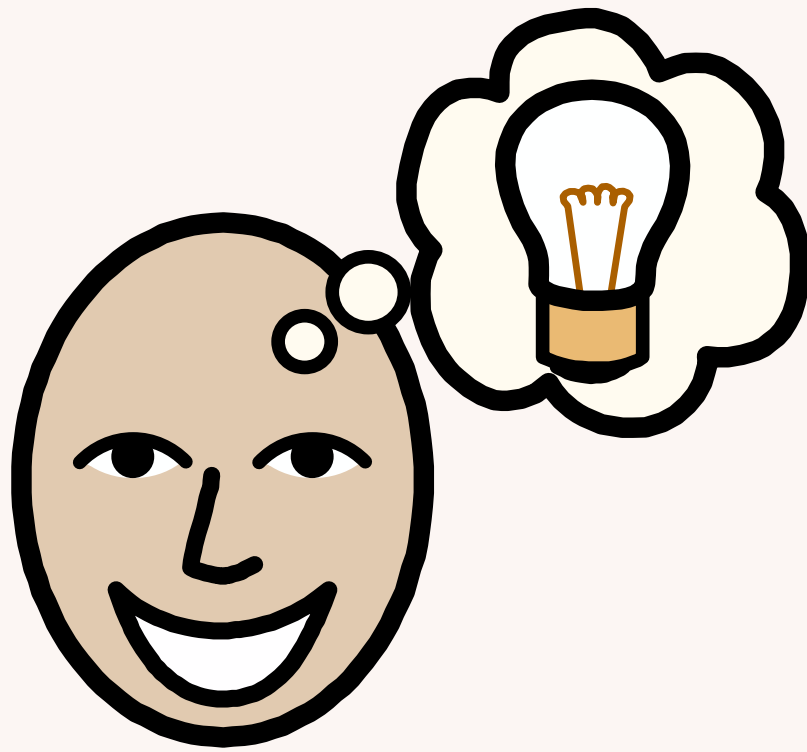



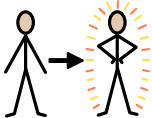
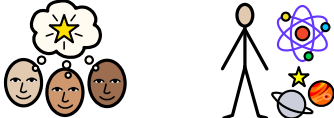



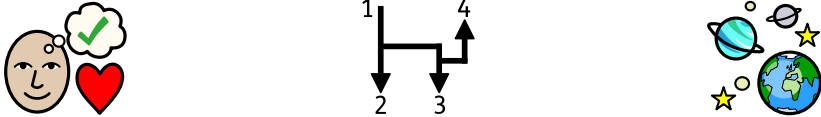




 Then he couldn't speak or write.






 But Stephen could still think about the universe.

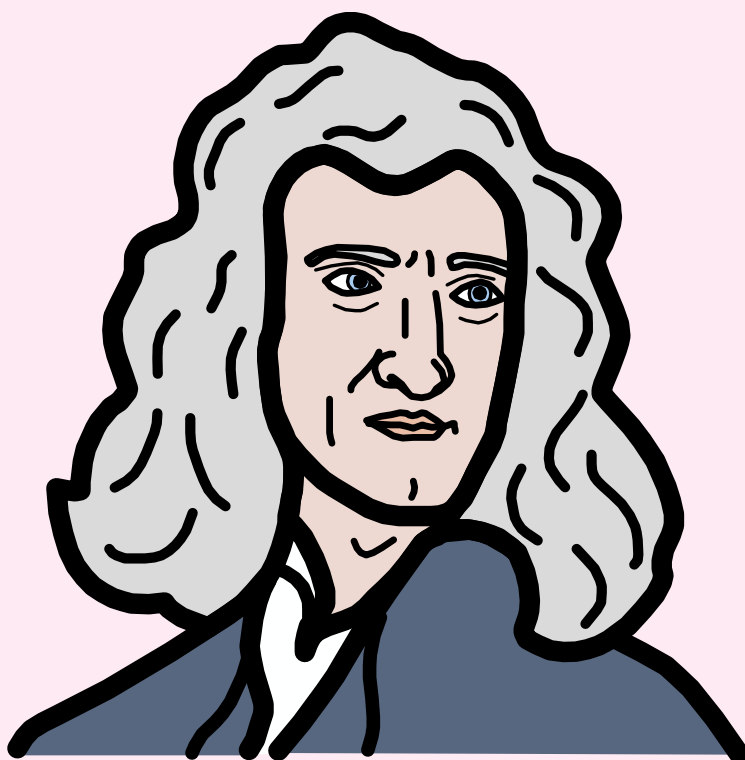


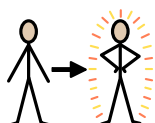





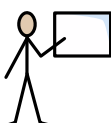



Stephen



became

a



Lucasian professor

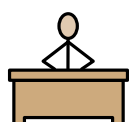


of mathematics.



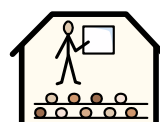
This is a

prestigious



role

at

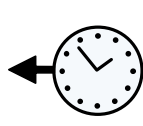


Cambridge University.



The

role



was



once

held by



Sir Isaac Newton.

1982



In

1982

Stephen

was

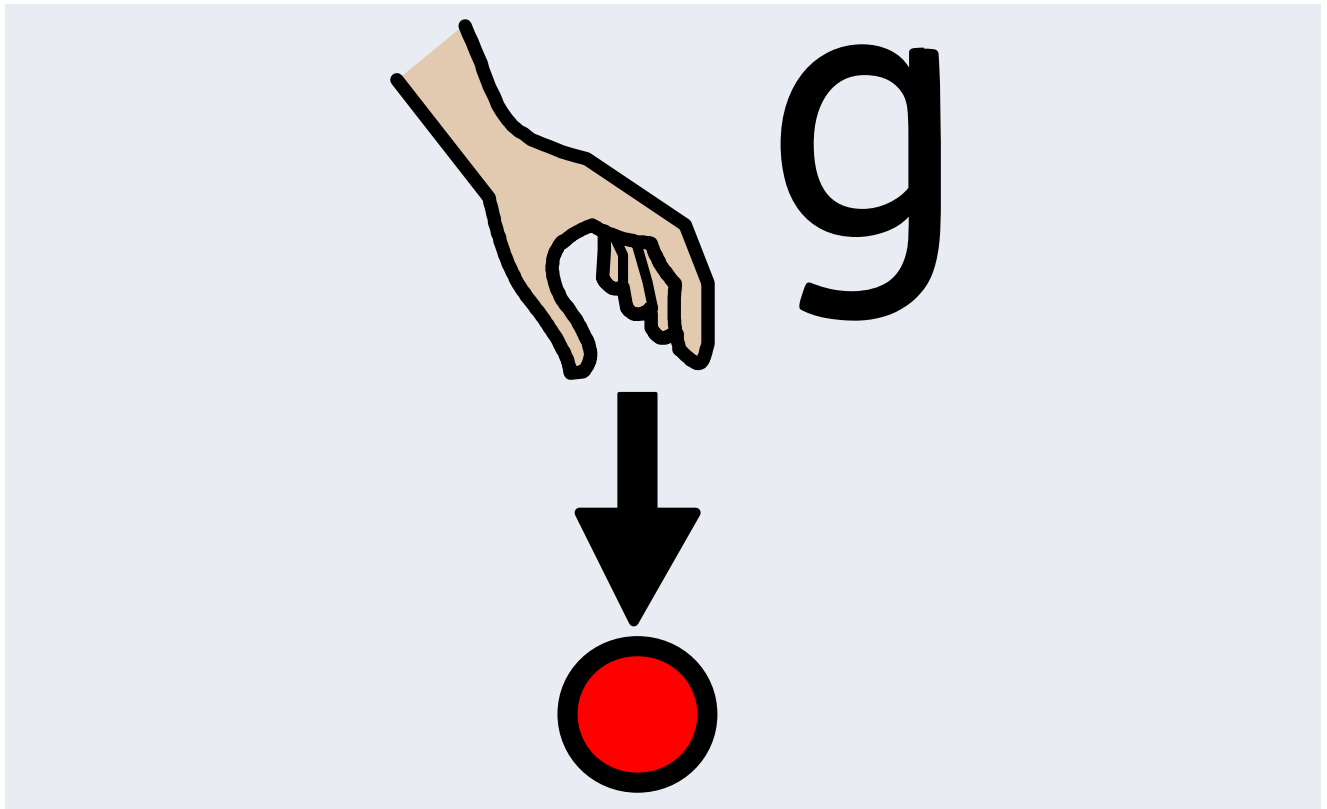




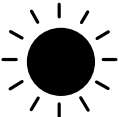
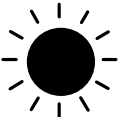
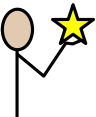
awarded



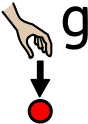

a

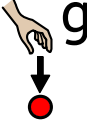
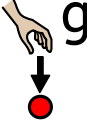
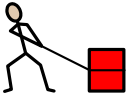
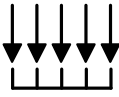
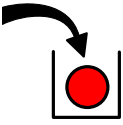






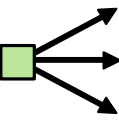
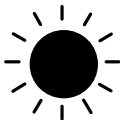
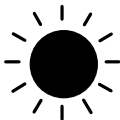
CBE.

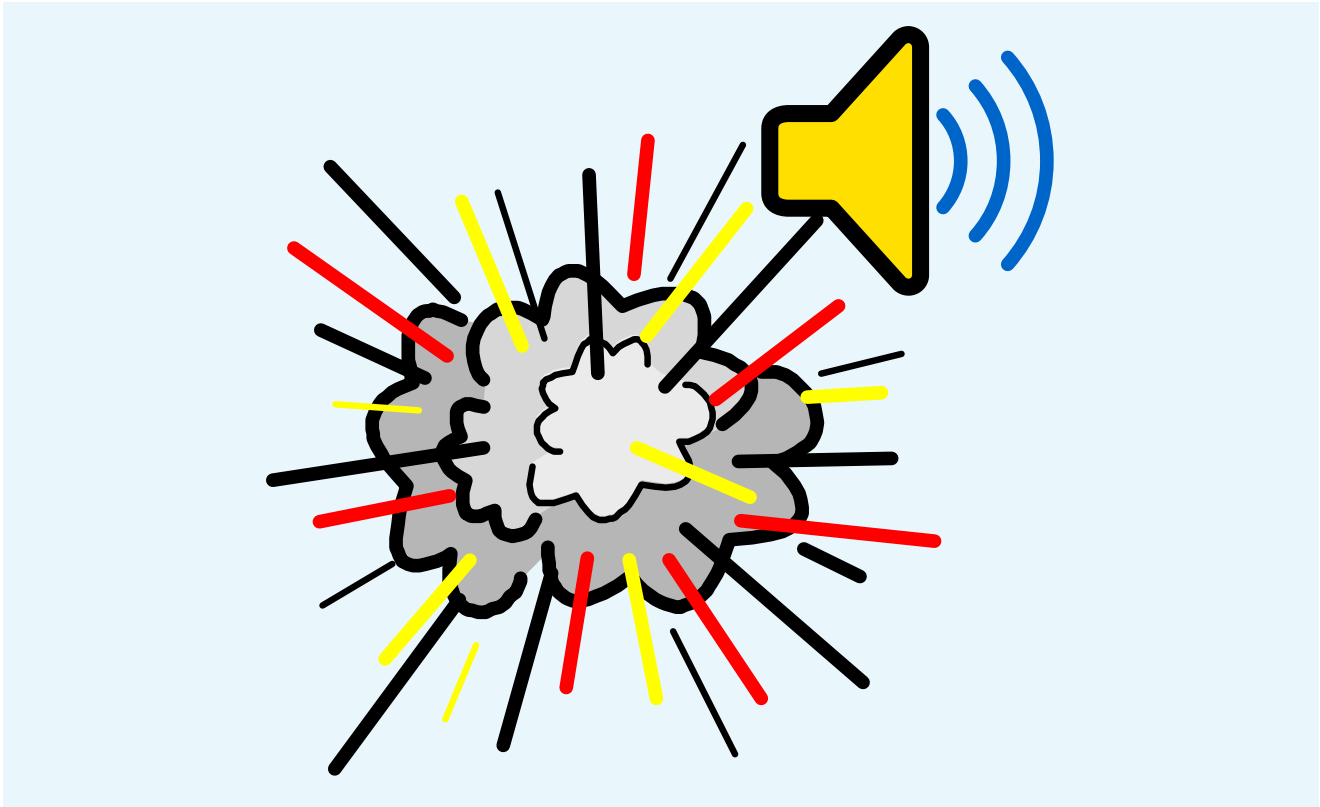


 Stephen's  work  on  black holes  was very important.

 In a  black hole  gravity  is very strong.

 This  gravity  pulls  everything  down into  it.

 Even  light  cannot  escape  from a  black hole.



Stephen



reasoned



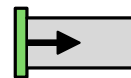
space

and

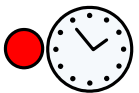


time

had a

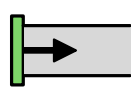


beginning.



Before

the



beginning

there was

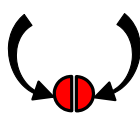


no time.



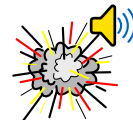
The universe

was

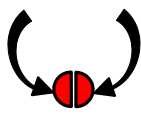


created

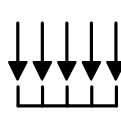
in a



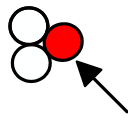
Big Bang.



This created



all



matter

and

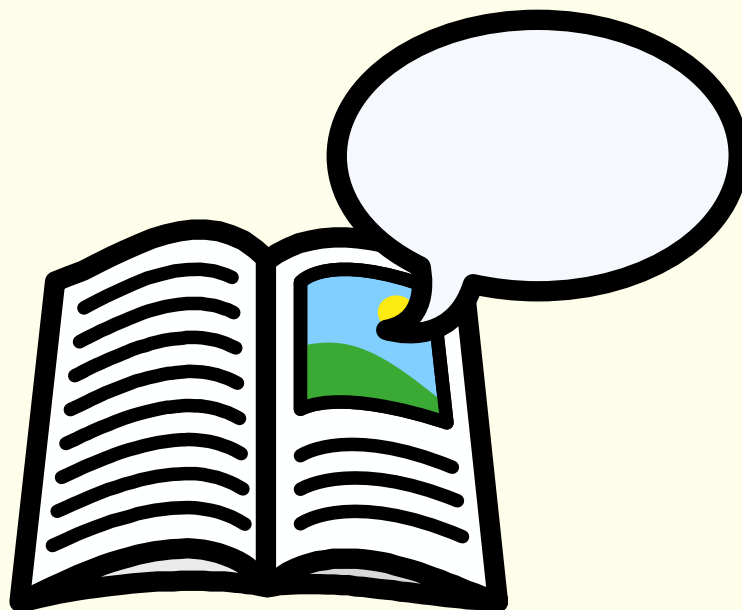







energy





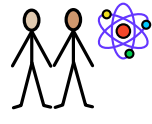
in the







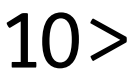


universe.

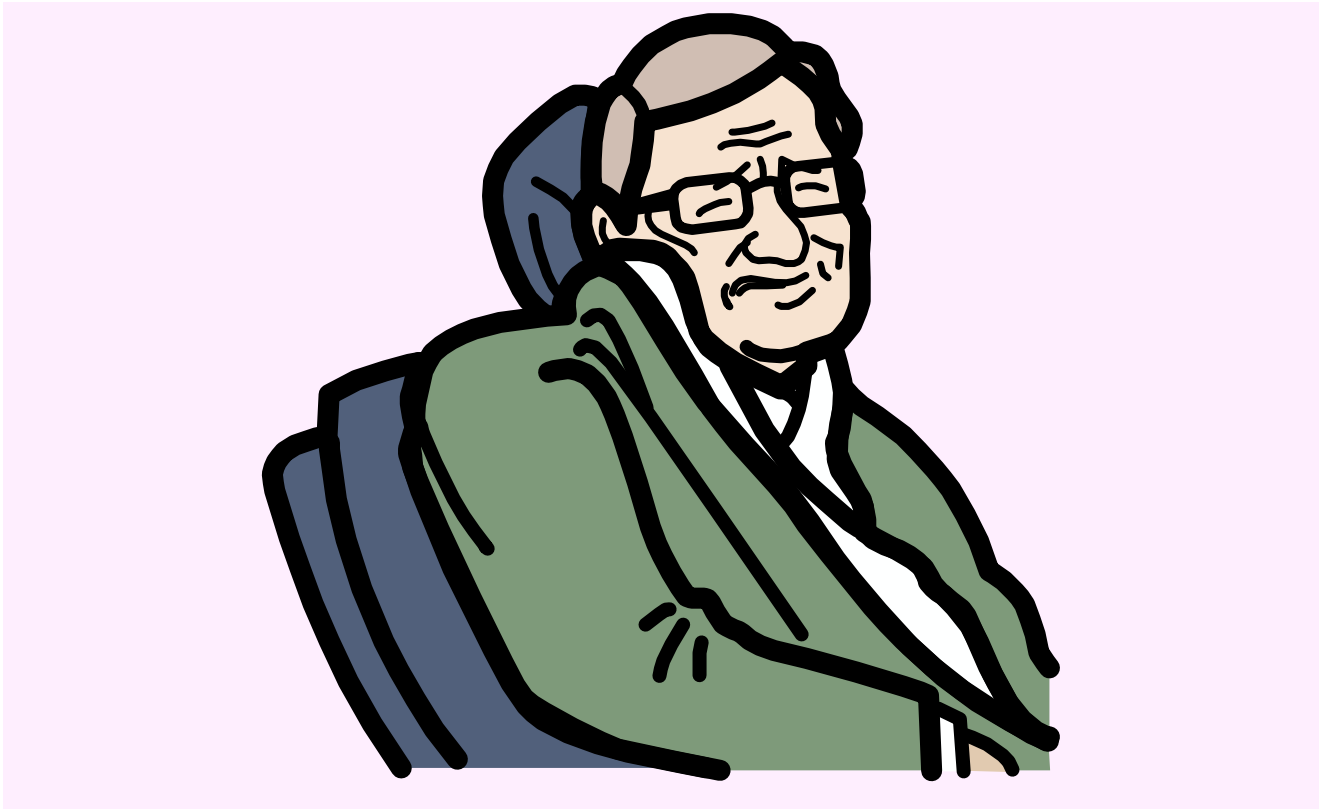



 also
 
 wrote
 
 popular
 
 science
 
 books.


 wrote
 
 for
 
 people
 who
 
 weren't
 
 scientists.

A
 
 Brief
 
 History
 of
 
 Time
 
 told the story
 of the
 
 universe.

A
 
 Brief
 
 History
 of
 
 Time
 
 sold
 over 10
 
 000,000
 
 million
 
 copies.



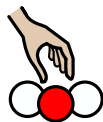
Stephen was paralysed and couldn't talk.



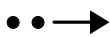
He used a computer to help him communicate.



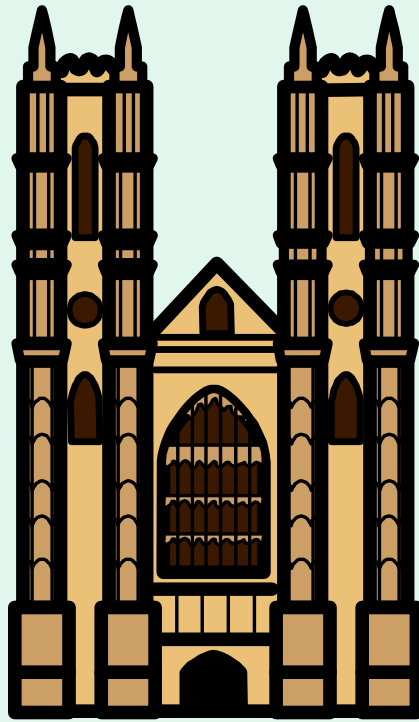
ABC



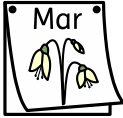






He controlled text selections using his cheek muscle.







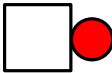


His words were then spoken by a synthesiser.

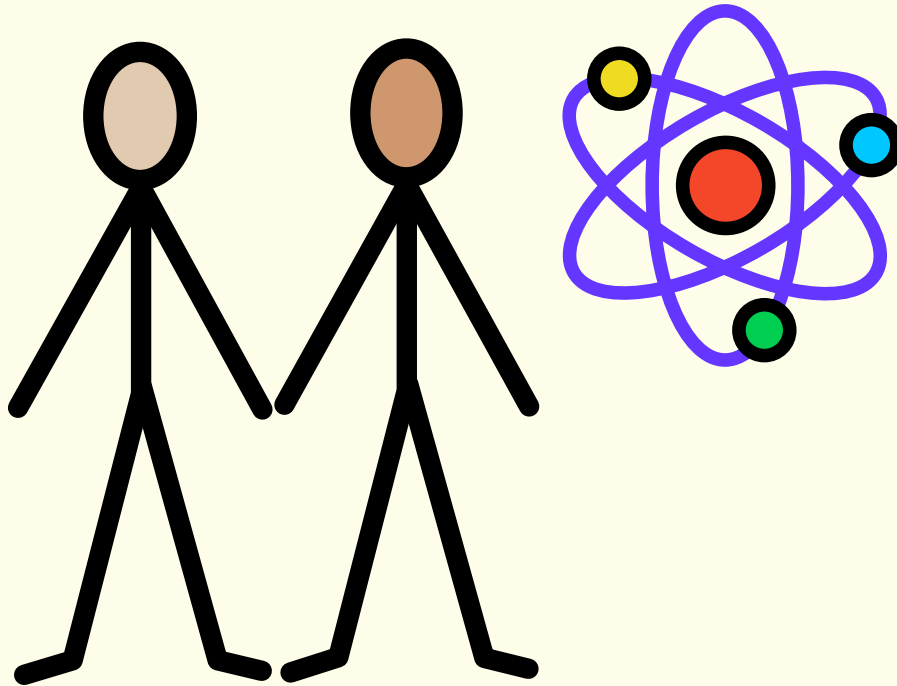




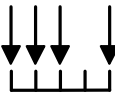

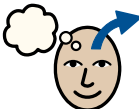
  died on **14th**  **2018**  aged **76**.




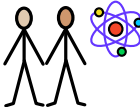
  died due to his  **ALS**.



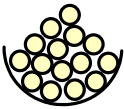

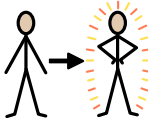
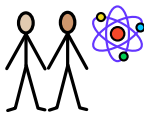
  are buried at  Westminster Abbey.






  lies next to  Charles Darwin and  Isaac Newton.




 was **1** of the world's most brilliant minds.
 




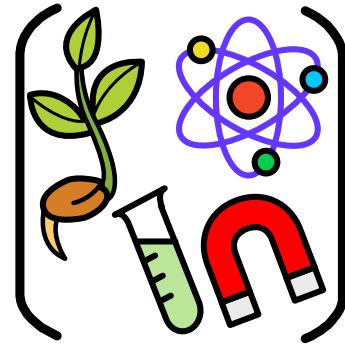

 was **1** of the world's greatest scientists.
 




 inspired many people to become scientists.
 






 increased our understanding of the universe.
 






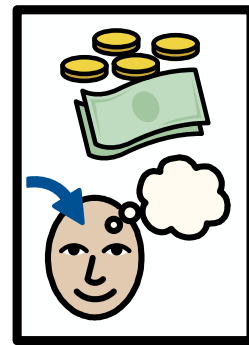
Stephen Hawking



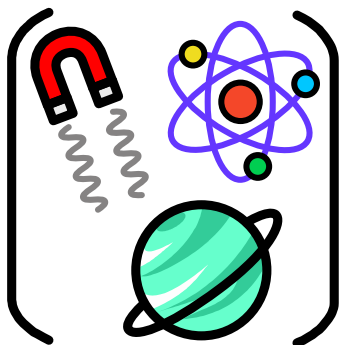
science

$$\left(\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array} \right)$$

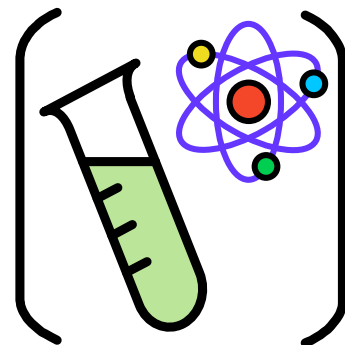
mathematics



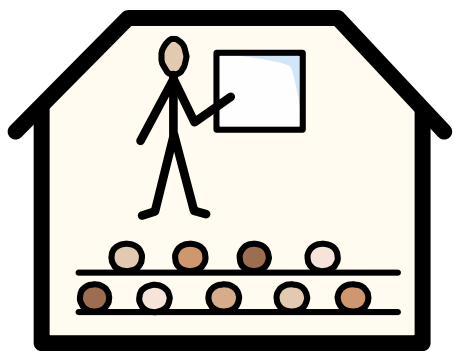
scholarship



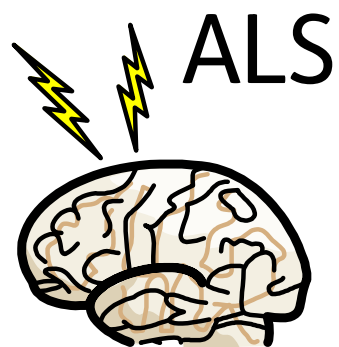
physics



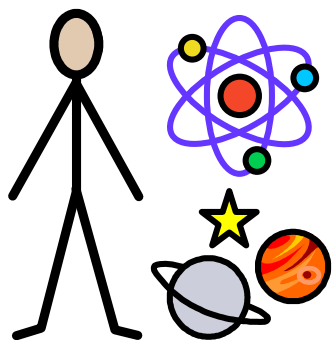
chemistry



Cambridge



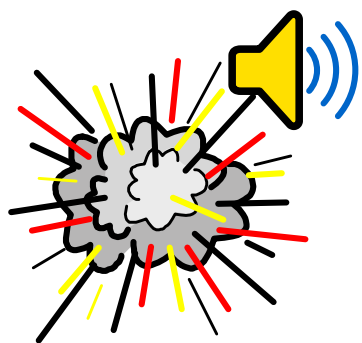
ALS



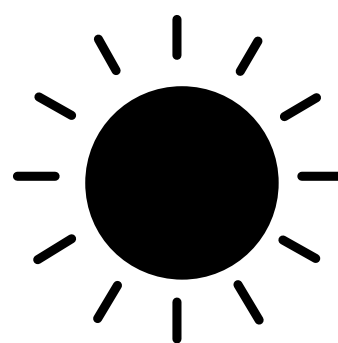
cosmologist



universe



Big Bang



black holes