



# Stephen Hawking

Symbol Book

# **Stephen Hawking**

## **Symbol**

Published by Widgit Software

© Widgit Software 2023

Widgit Symbols © Widgit Software 2002 - 2023

Tel: 01926 333680

Email: [info@widgit.com](mailto:info@widgit.com)

Web: [www.widgit.com](http://www.widgit.com)

All of the materials are copyright. Files and documents printed from those files may be used within the purchasing organisation. They may not be passed to other centres.



Stephen Hawking

was



born



January

8<sup>th</sup>

1942

8th

1942.



He

was the



eldest



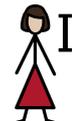
child

of



Frank

and



Isobel.



As a

child



he



enjoyed



games

and



model making.



He



built

a



computer

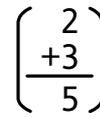
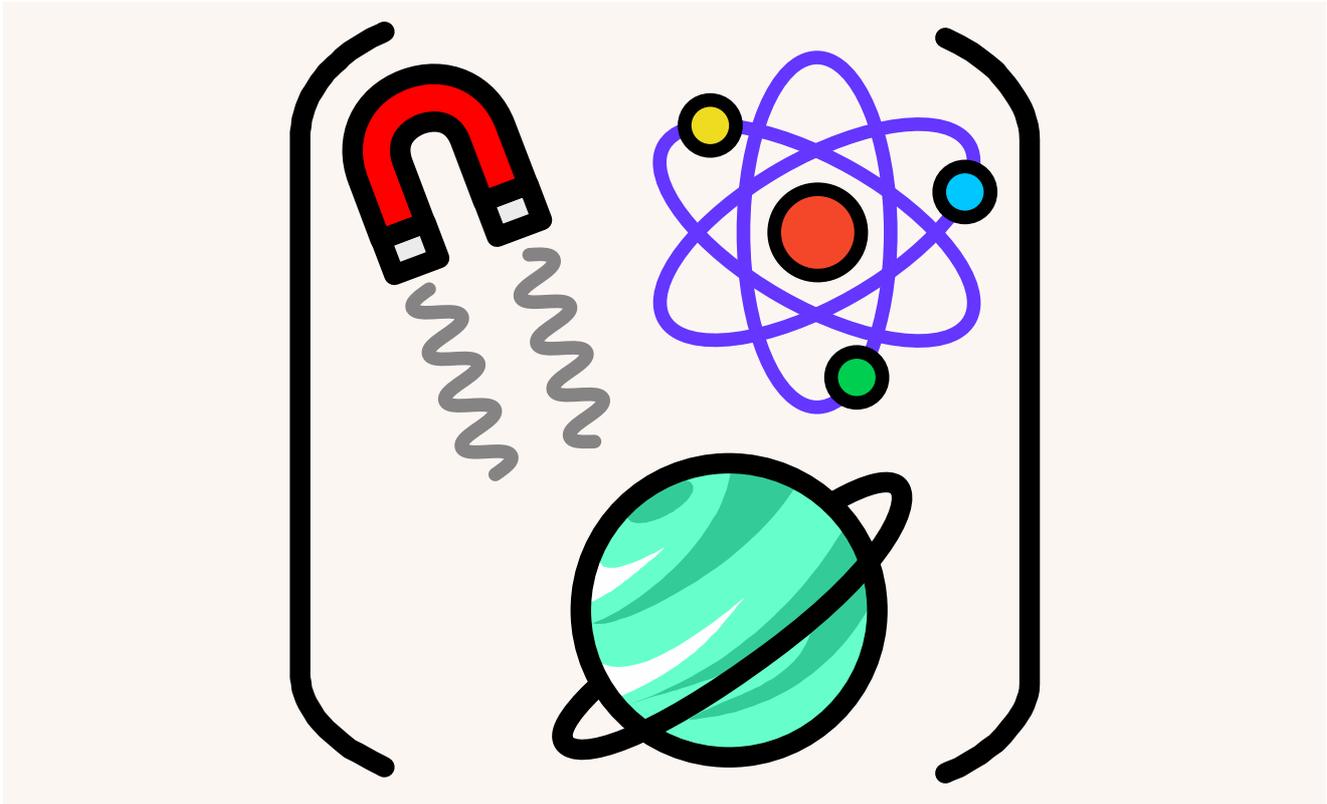
from



recycled

components.

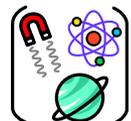




Stephen was interested in science and mathematics.



Stephen won a scholarship to Oxford University.

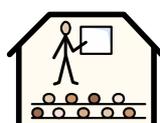


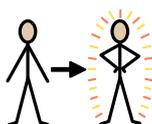
Stephen studied physics and chemistry.

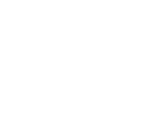


He easily gained a first class honours degree.

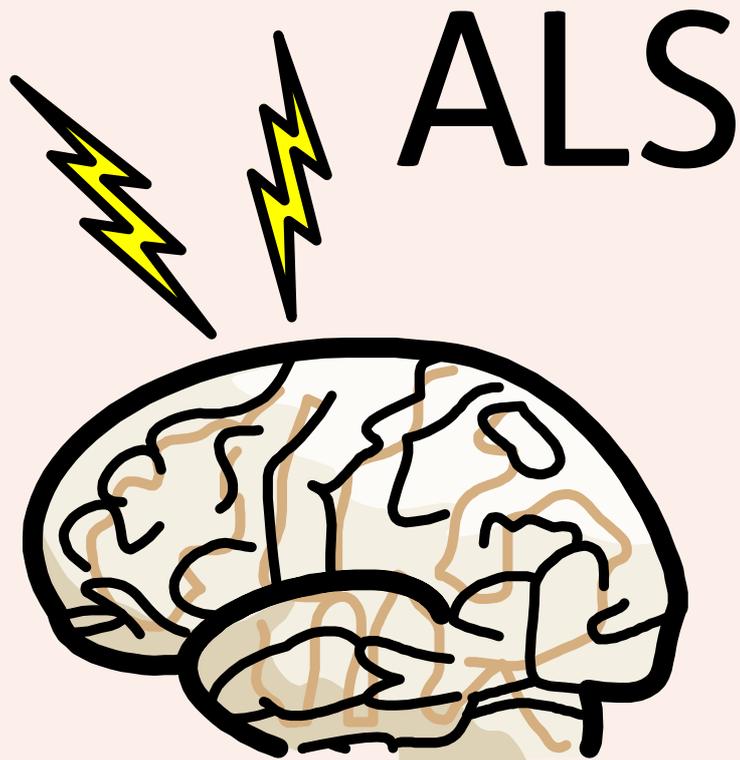


 then  studied  cosmology  at Cambridge.

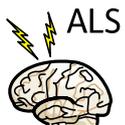
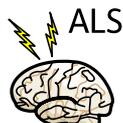
 Whilst  at Cambridge  Stephen  became  ill.

 He  struggled to  row,  and then  struggled to  walk.

 He  was diagnosed with  motor neurone disease.



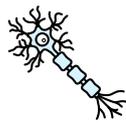
Stephen had Amyotrophic Lateral Sclerosis.



ALS

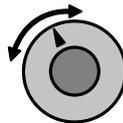


affects



the neurons

that



control

the



muscles.

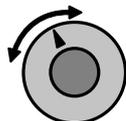


The

brain



cannot



control

the



muscles.



ALS



affects



movement

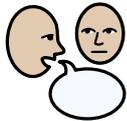
and



speech.



Doctors



said



Stephen



only had a few



years

to



live.



Stephen



proved

the



doctors

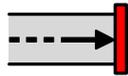


wrong.

1966



Stephen



completed



his



PhD



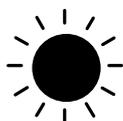
at Cambridge.



Stephen

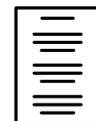


wrote about

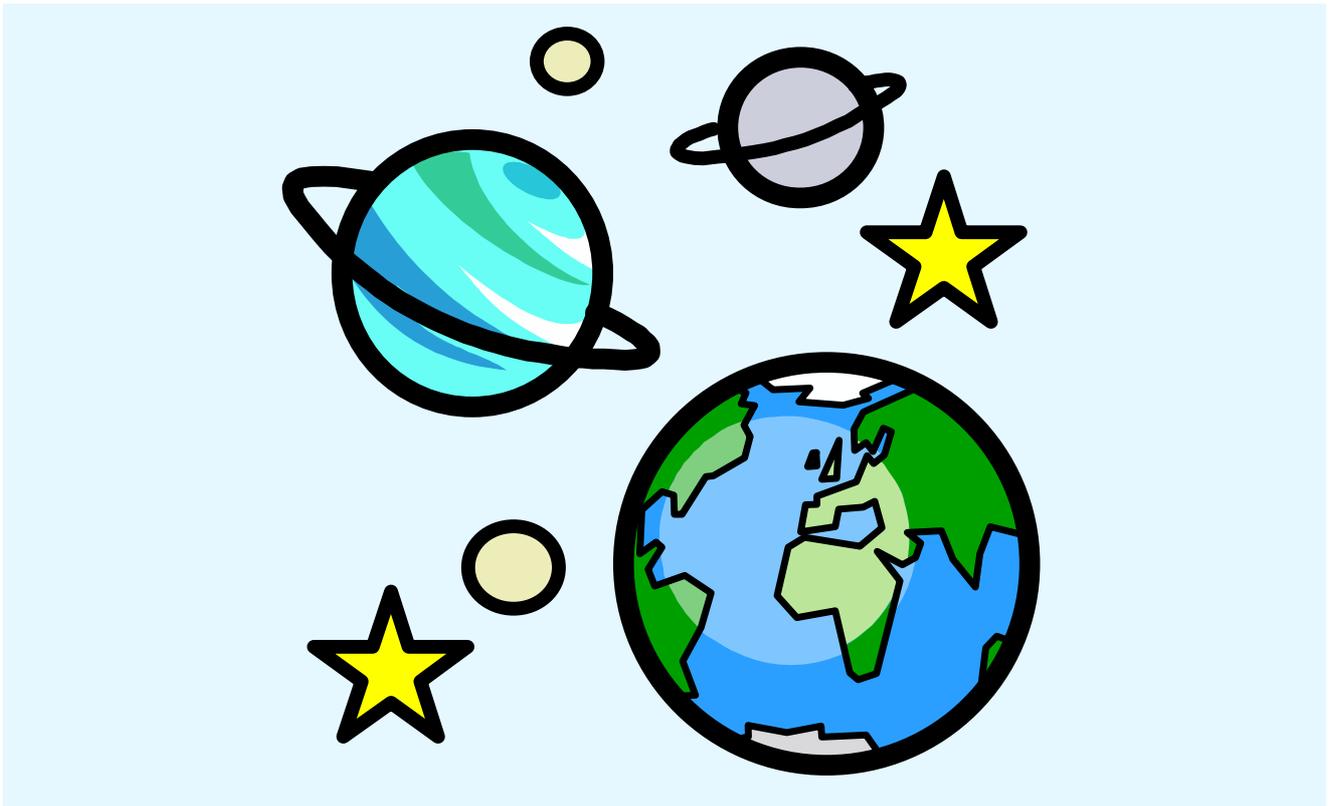


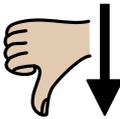
black holes

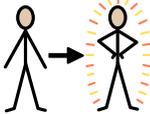
for his

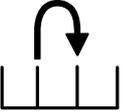


thesis.

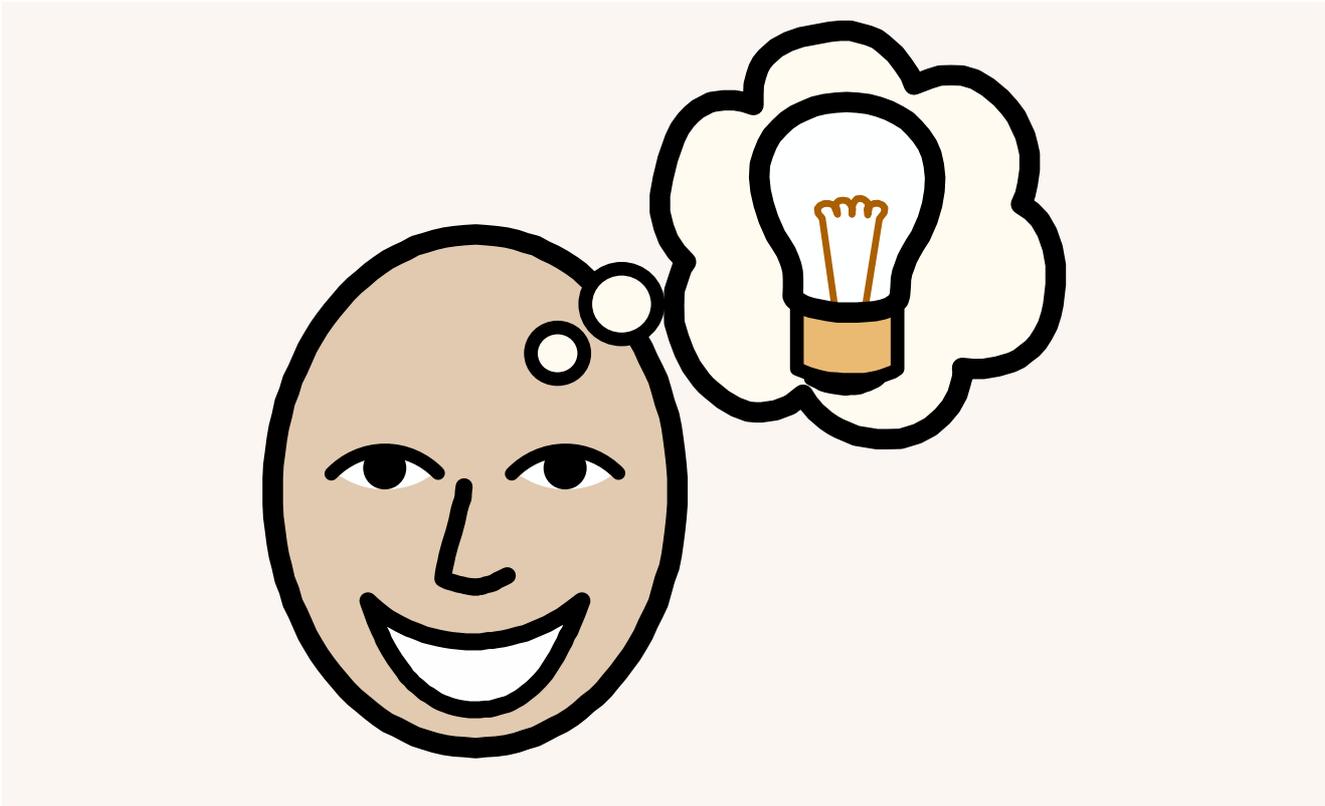


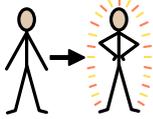
 Stephen's  ALS  gradually  worsened.

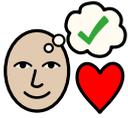
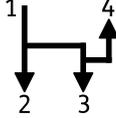
 He  became  paralysed and  used a  wheelchair.

 Then  he  couldn't  speak or  write.

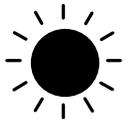
 But Stephen  could  still  think about the  universe.

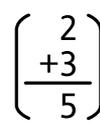
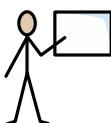
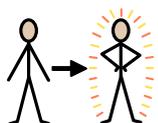


     
Stephen became a famous cosmologist.

     
He was interested in the structure of the universe.

     
He invented some very important theories.

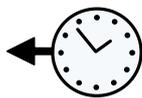
     
He wrote about the Big Bang and black holes.



Stephen became a Lucasian professor of mathematics.



This is a prestigious role at Cambridge University.

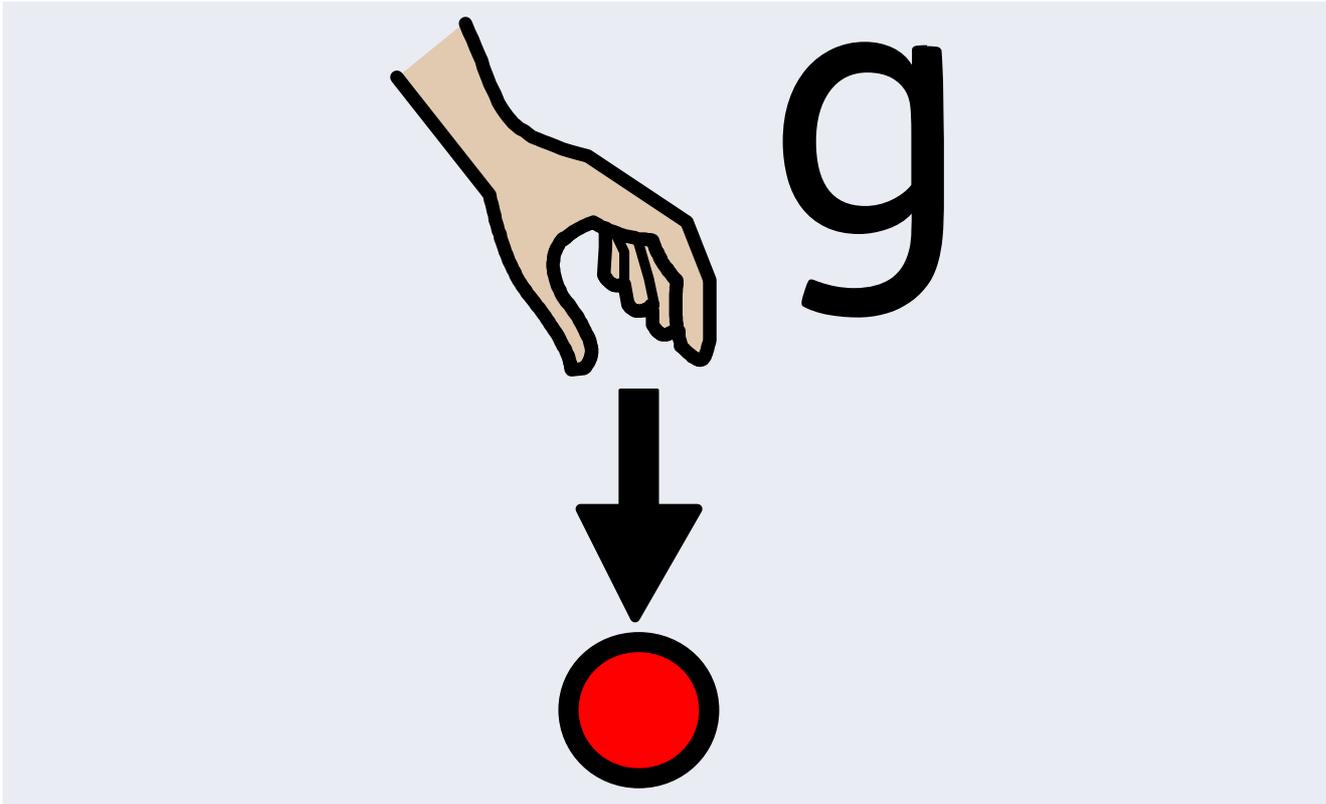


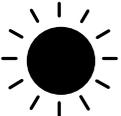
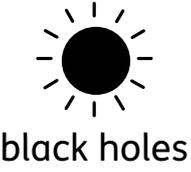
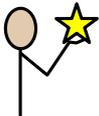
The role was once held by Sir Isaac Newton.

1982

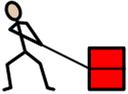
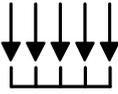
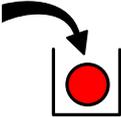


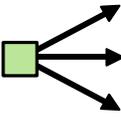
In 1982 Stephen was awarded a CBE.

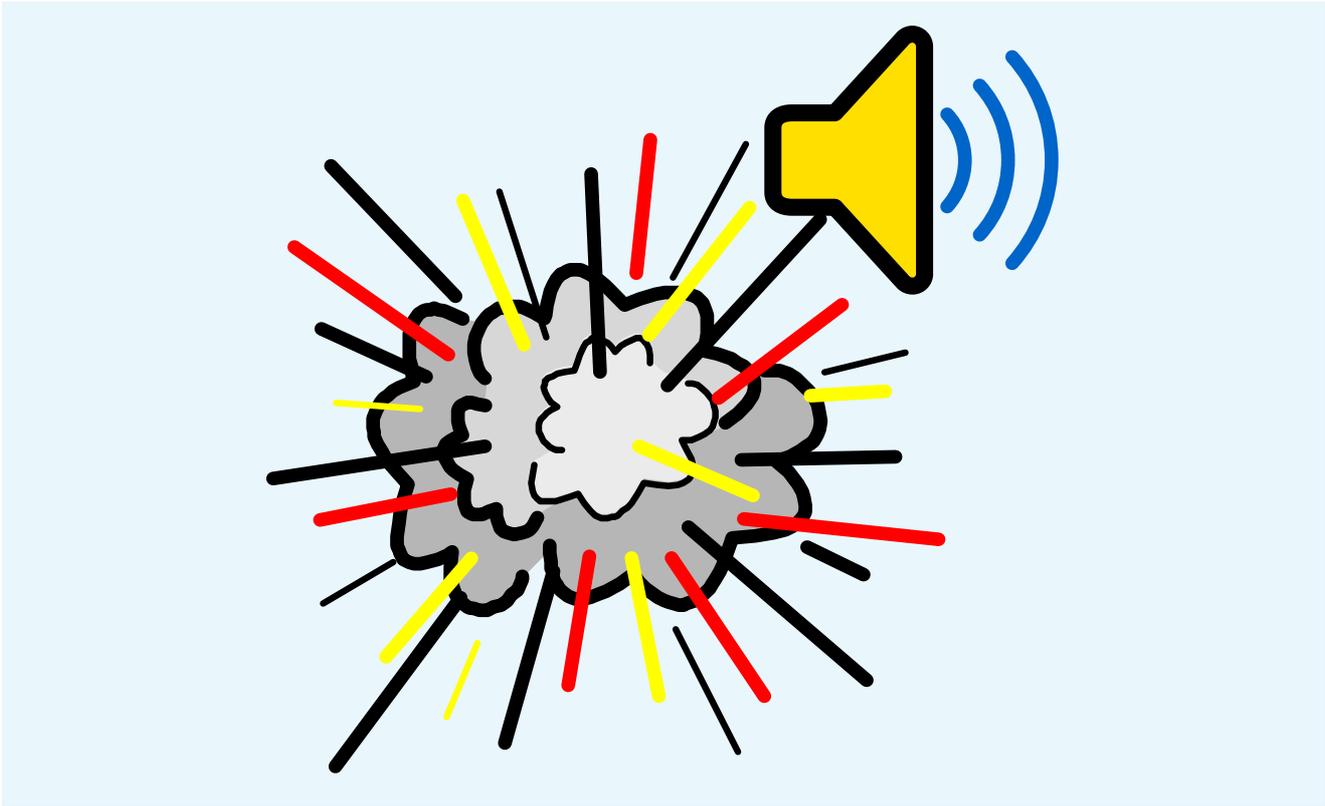


 Stephen's  work  on  black holes  was very important.

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



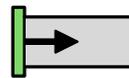
space

and

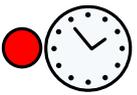


time

had a

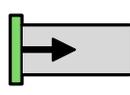


beginning.



Before

the



beginning

there was



no time.



The universe

was

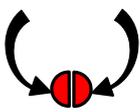


created

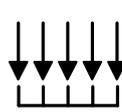
in a



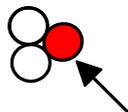
Big Bang.



This created



all



matter

and

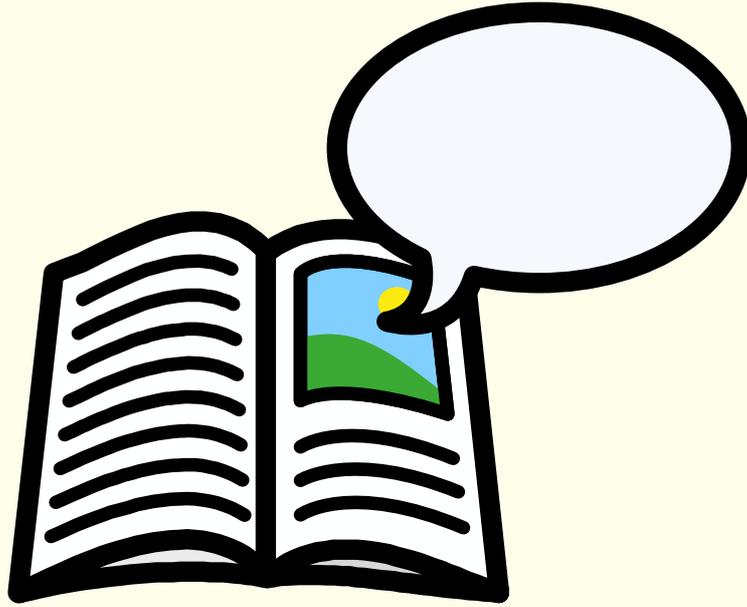


energy

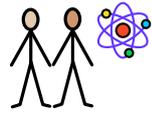
in the



universe.

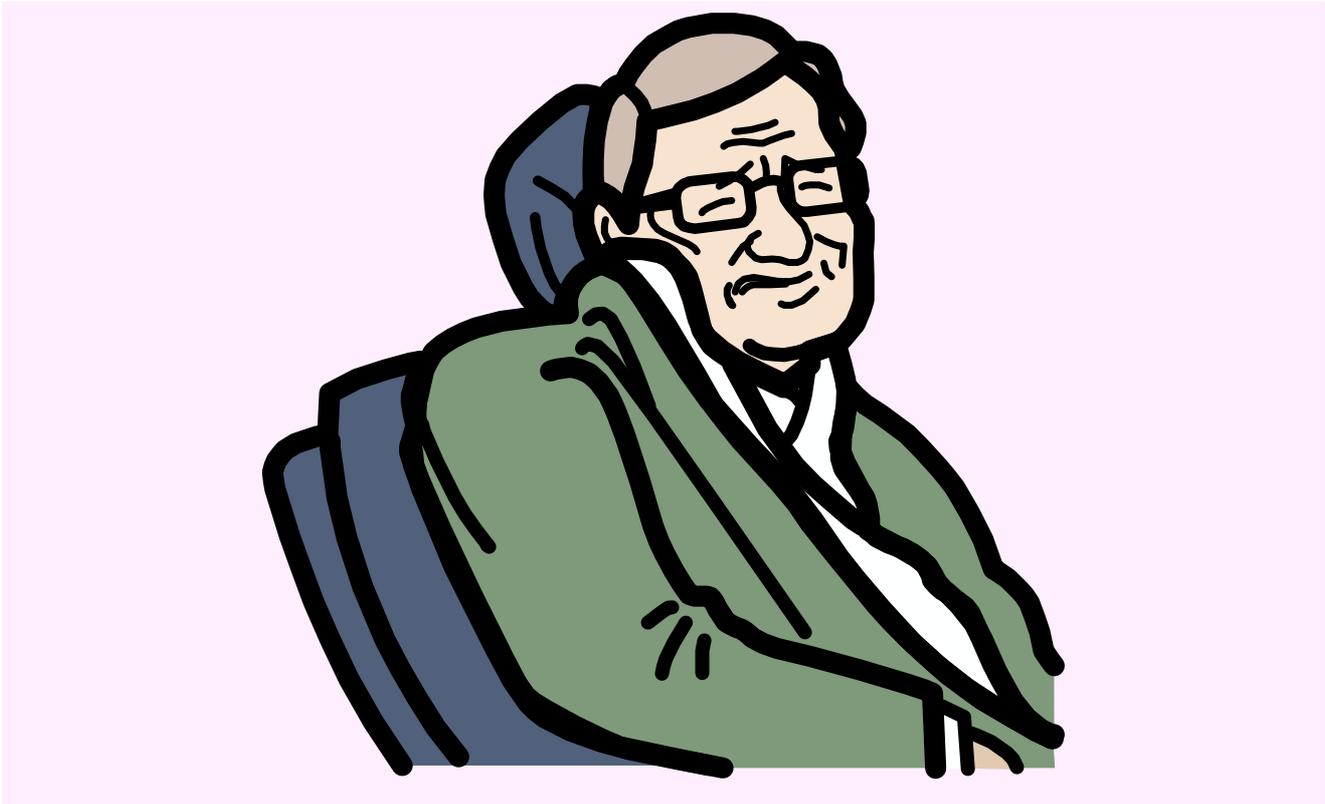


 also  wrote  popular  science  books.

 He  wrote  for people  who weren't  scientists.

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

A  Brief  History  of Time  sold **10 >** <sup>000,000</sup> **M** million  copies.



Stephen



was

paralysed

and



couldn't talk.



He



used

a



computer

to



help

him

communicate.



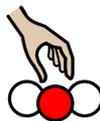
He



controlled

ABC

text



selections



using

his



cheek muscle.



His



words

were



then



spoken

by a



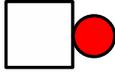
synthesiser.

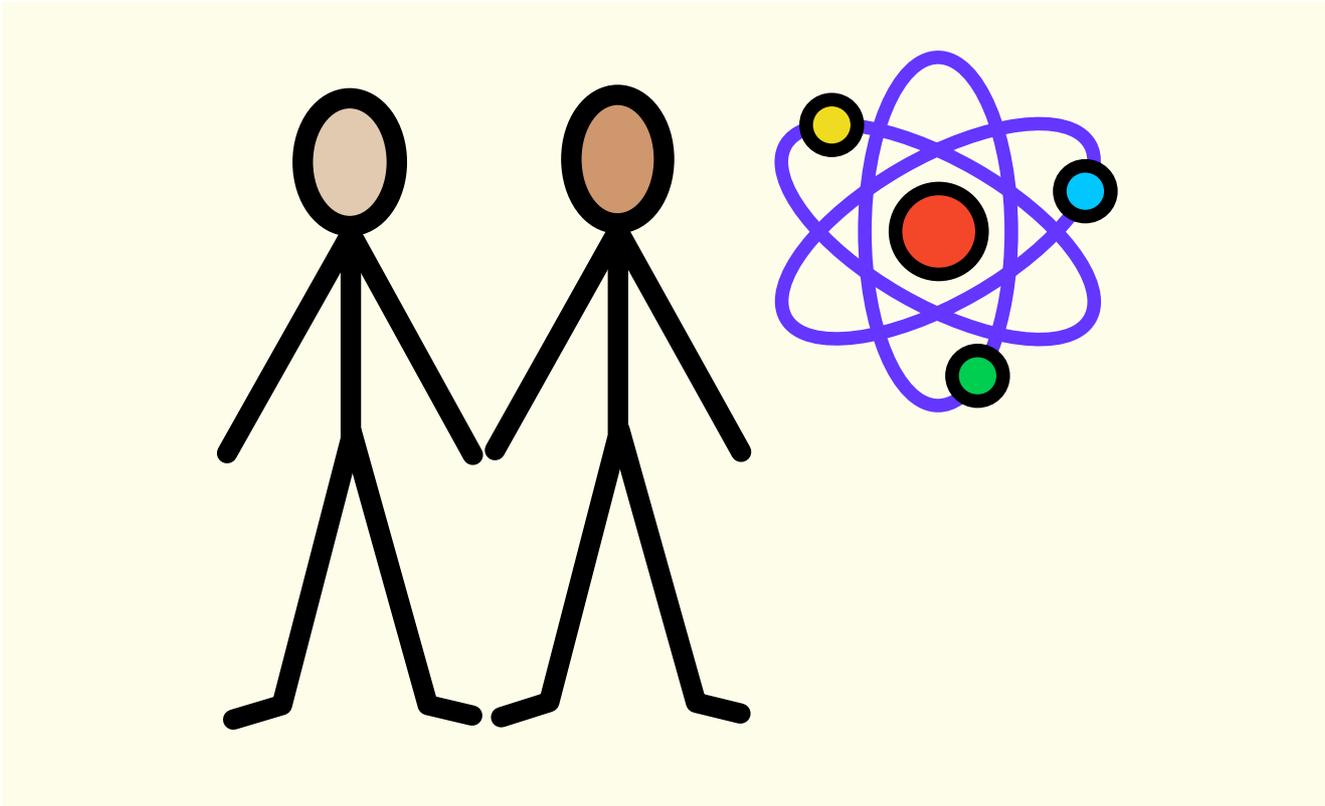


  on **14<sup>th</sup>**  **2018**  **76**  
Stephen died on 14th March 2018 aged 76.

  due to his  **ALS**.  
He died due to his ALS.

    
His ashes are buried at Westminster Abbey.

     
He lies next to Charles Darwin and Isaac Newton.



Stephen

1

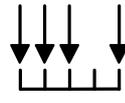
was

one

of the



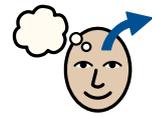
world's



most



brilliant



minds.



Stephen

1

was

one

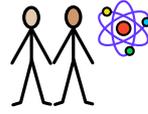
of the



world's



greatest



scientists.



He



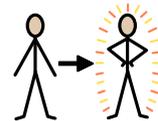
inspired



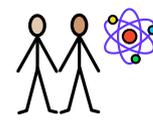
many



people



to become



scientists.



He



increased



our



understanding

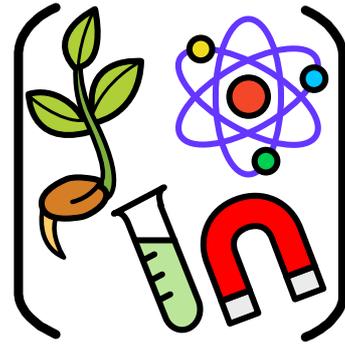
of the



universe.



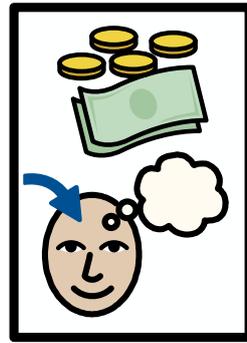
Stephen Hawking



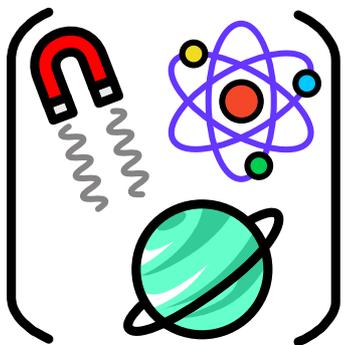
science

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

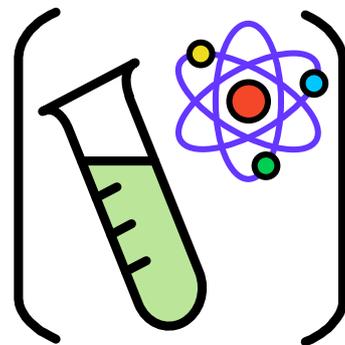
mathematics



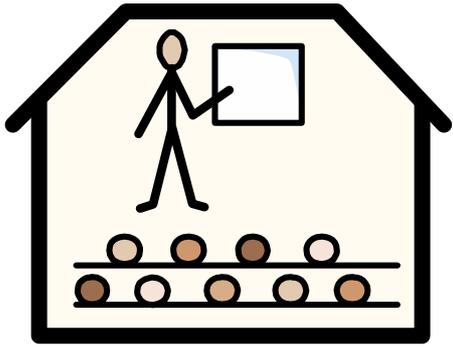
scholarship



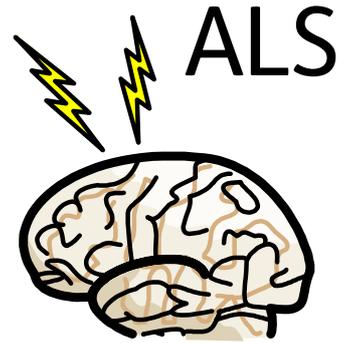
physics



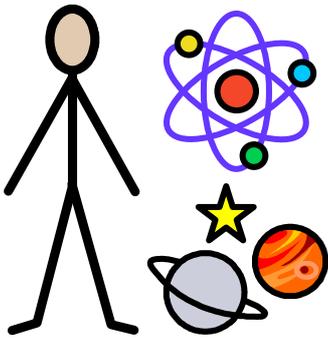
chemistry



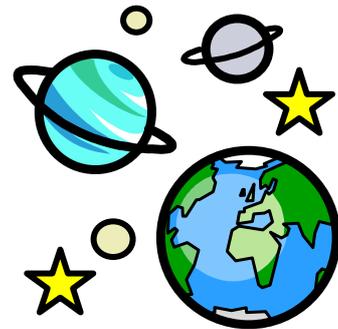
Cambridge



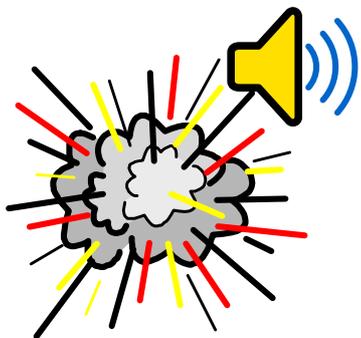
ALS



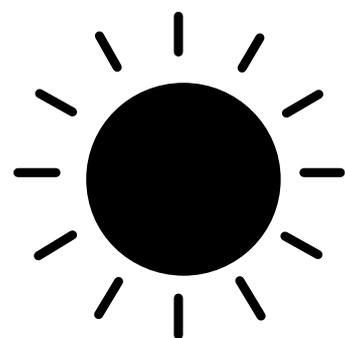
cosmologist



universe



Big Bang



black holes