

Sir Frank Whittle

Symbol Book

Sir Frank Whittle

Symbol

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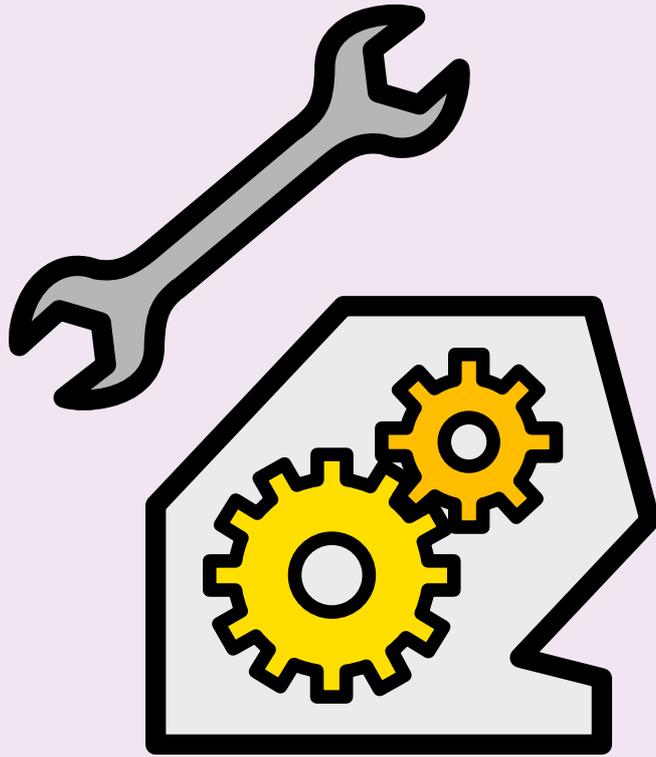
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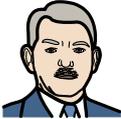
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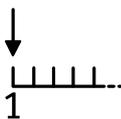
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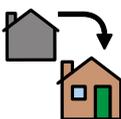
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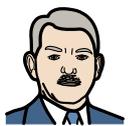


 Sir Frank Whittle was  born in  Coventry in 1907.

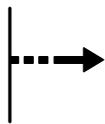
 He was the  first  son of  Moses and  Sara.

 When  Frank was  9 they  moved to  Leamington Spa.

 Here  Frank's  father  bought an  engineering  company.



Frank



began



helping



father



in his workshop.



Frank



developed



practical



engineering



skills.



Frank

was an



enthusiastic



reader.



Frank



studied



astronomy,



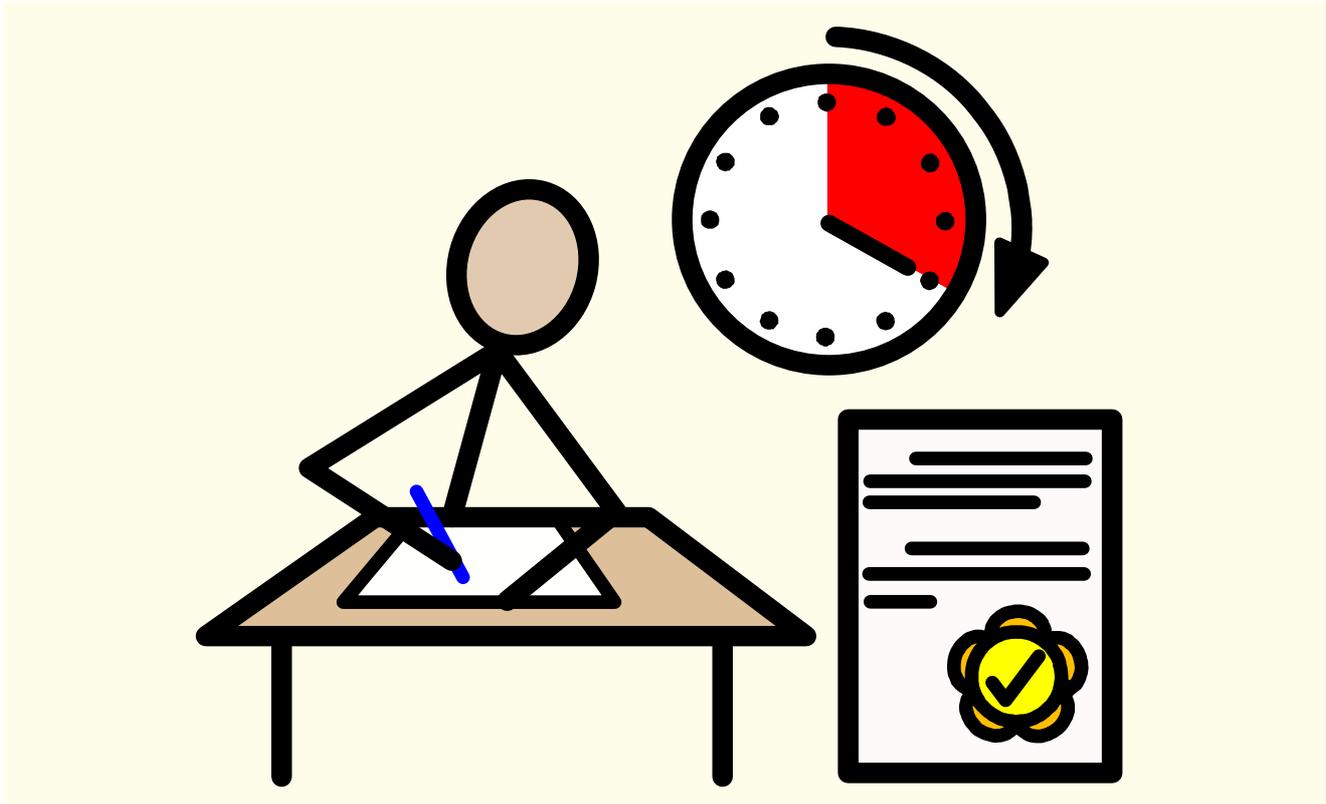
engineering

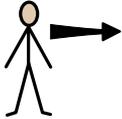


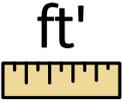
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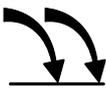


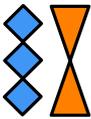
turbines.

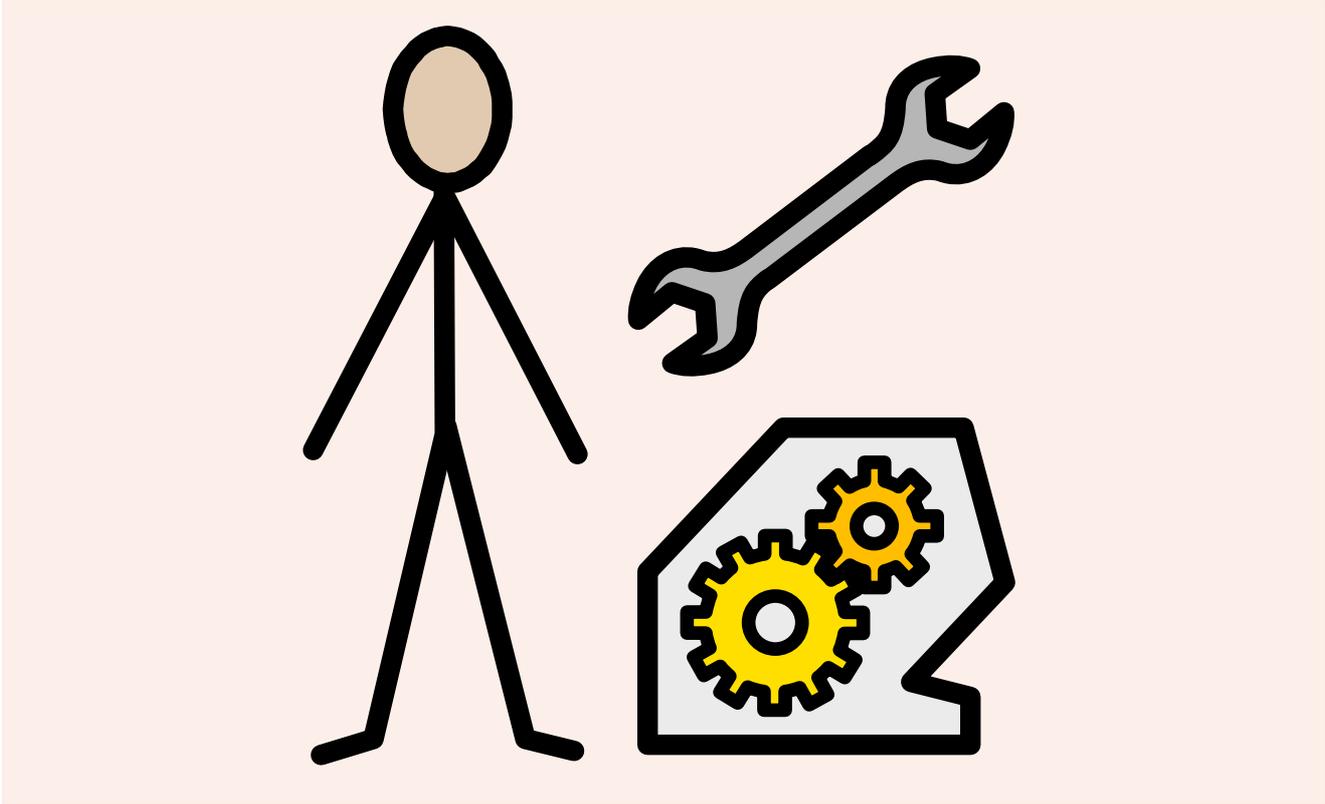


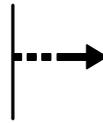
In 1923   applied to  join the  Royal Air Force.

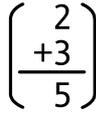
At 5  feet  tall   failed the  medical  exams.

 Frank  trained hard, but  failed  again  6 months  later.

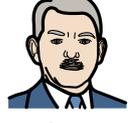
 He  applied with a  different  name and was  accepted.

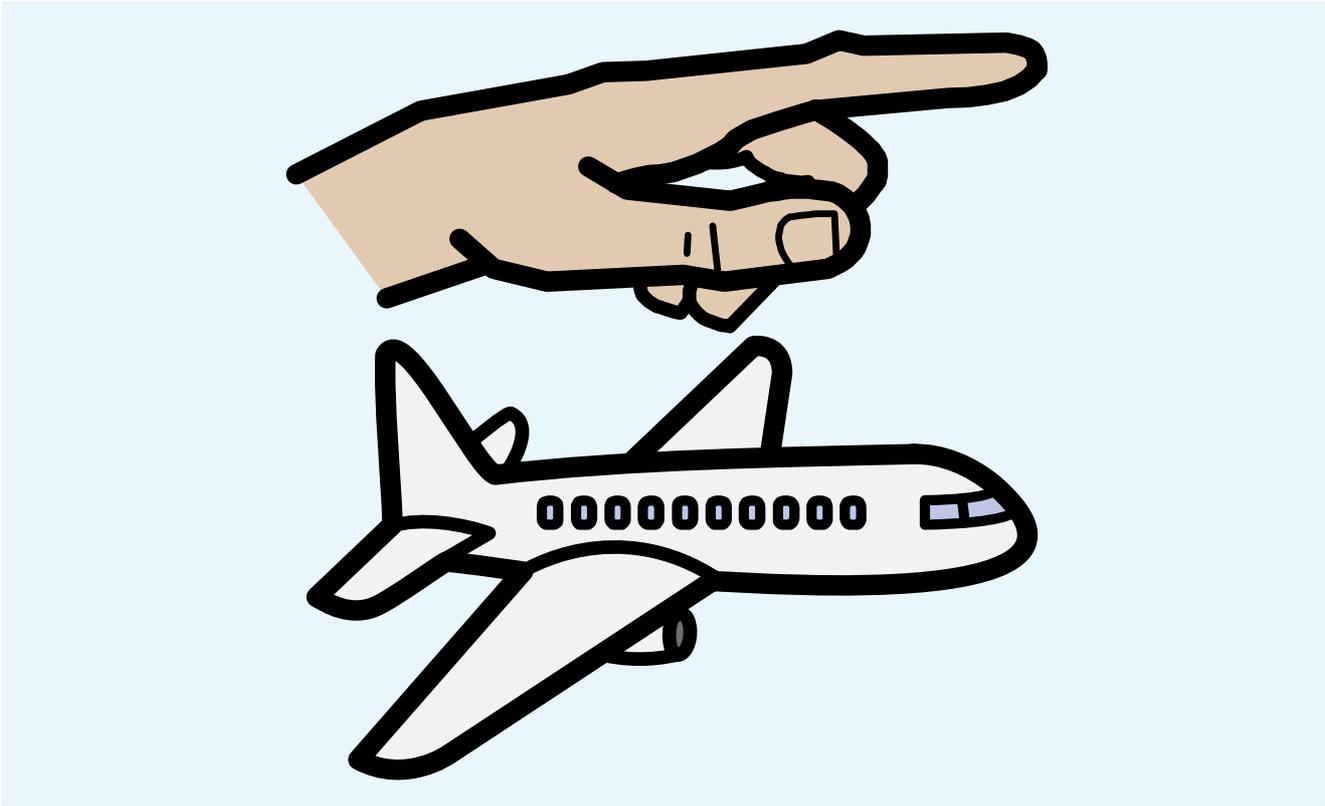


    
Frank began training to be an aircraft mechanic.

  
Frank was a mathematical genius.

    
Frank also enjoyed building model aircraft.

1926    
In 1926 he was recommended for officer training.



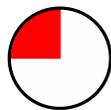
Frank's



officer



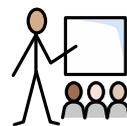
training



included



flying



lessons.

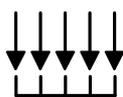


He



excelled

in



all

his



courses

and at



flying.

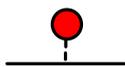


Frank



excelled

as a



low



flying



daredevil.



He



also

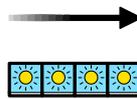
wrote

a



thesis

on

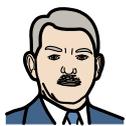
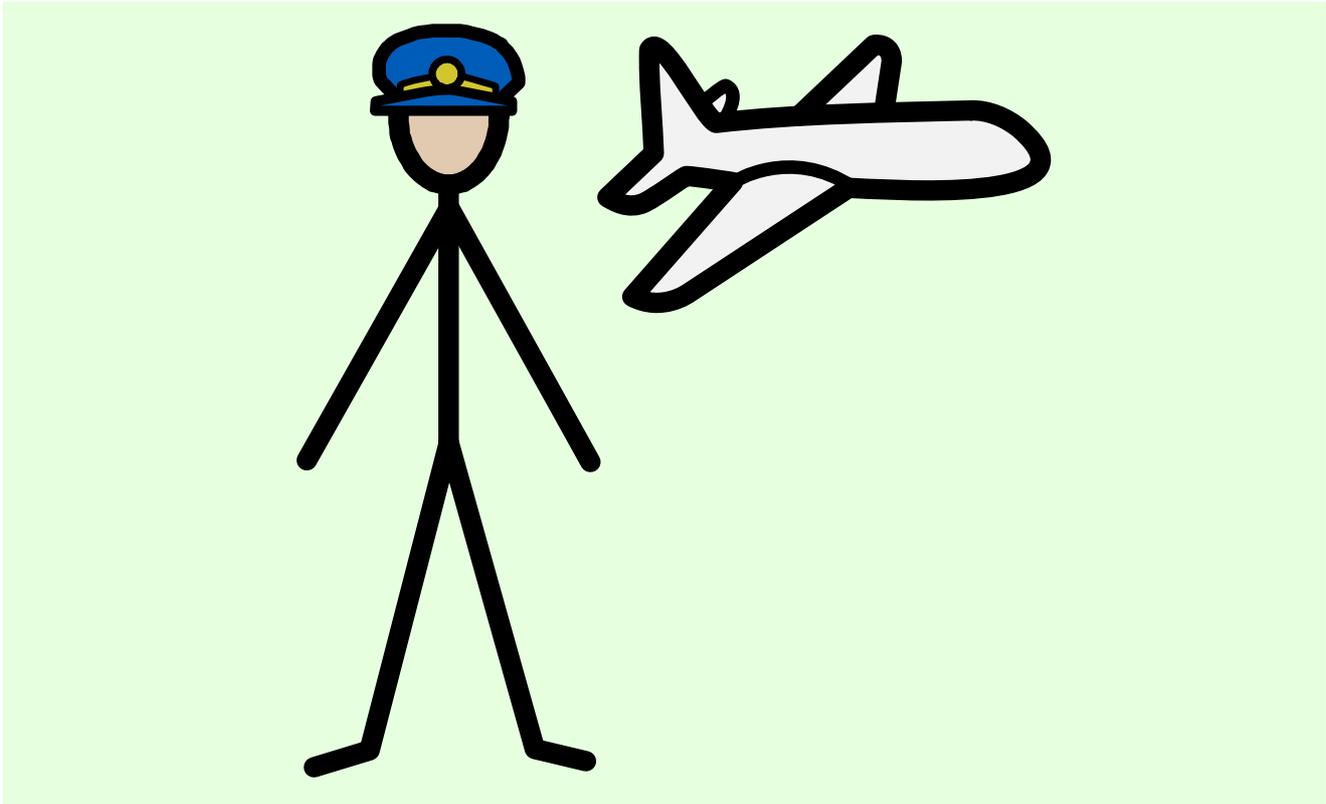


the future

of



aeroplanes.



Frank



was promoted to



Flying

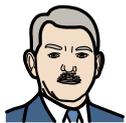


Officer

in

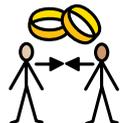
1930

1930.



Frank

also



married

his



fiancée



Dorothy

in

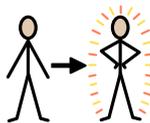
1930

1930.



Frank

then



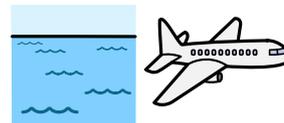
became

a



test pilot

for



sea planes.



He

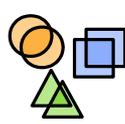


flew in

20

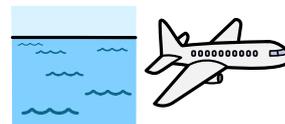
20

different

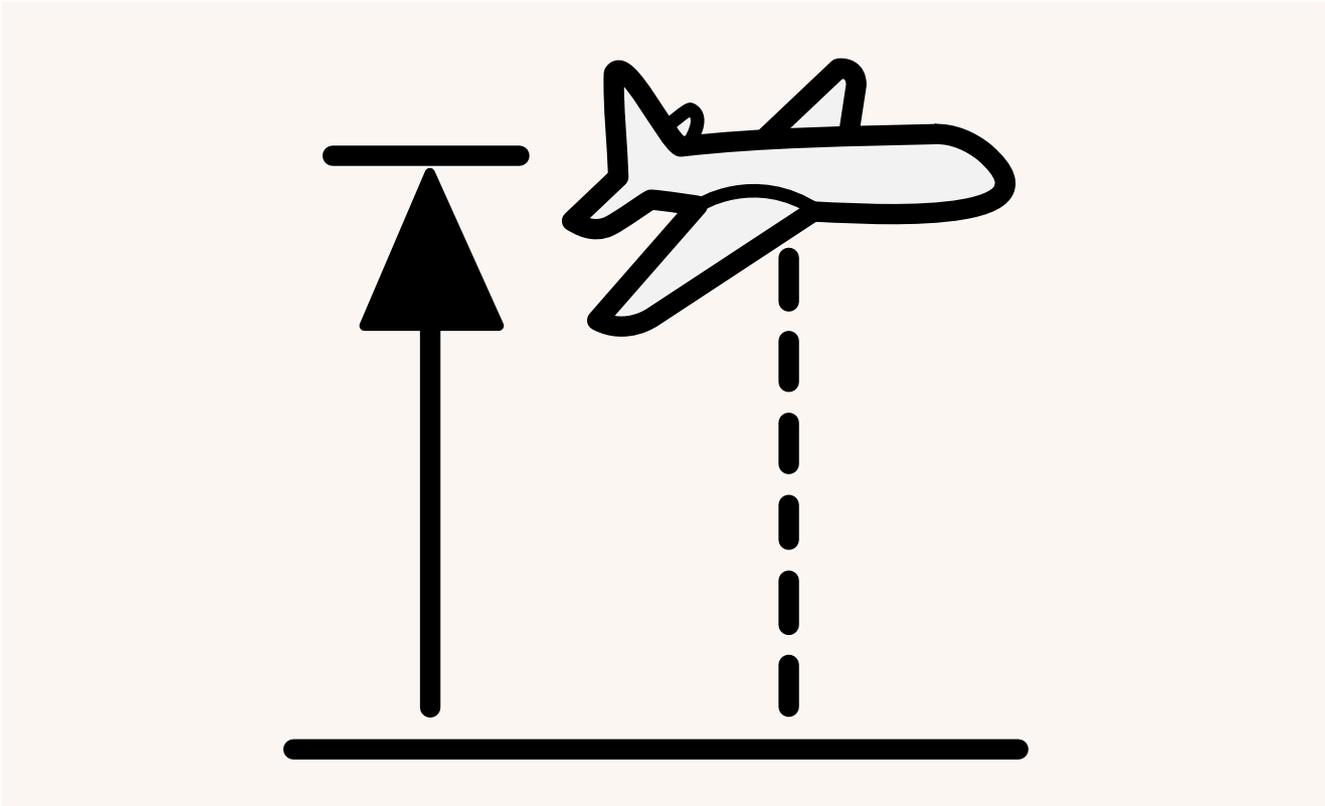


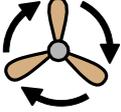
types

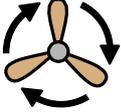
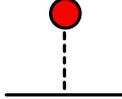
of

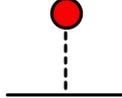


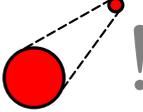
sea planes.

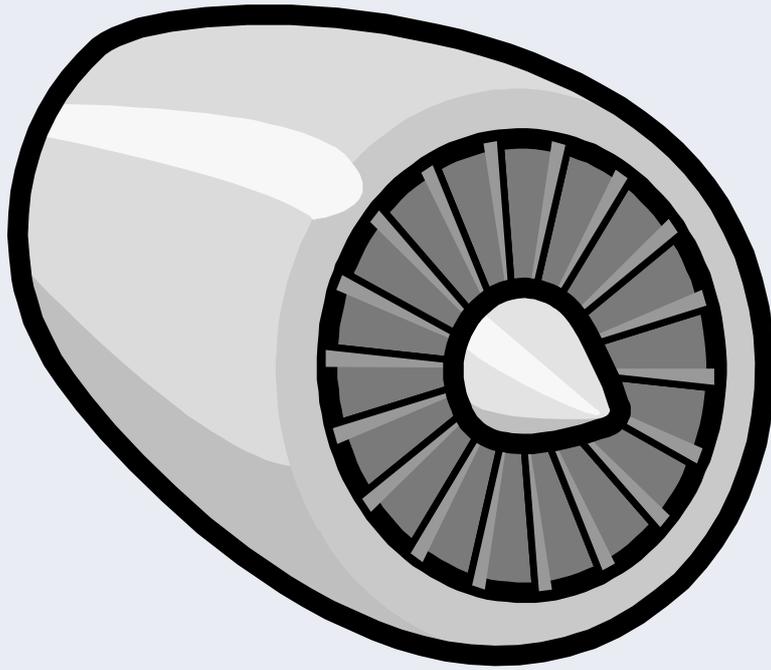


At the  time  aeroplanes  used  propellers  as  engines.

 Propeller  planes  could not  fly  very high.

 Frank  realised  planes  needed to  fly  much  higher.

 High altitude  planes  could  fly  further  and  faster.

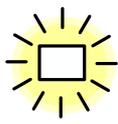


Frank



invented

a



new

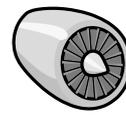


engine



called

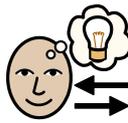
a



jet.



Frank



shared the idea



with

the



RAF.



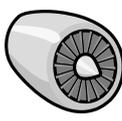
The

RAF



didn't believe

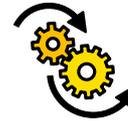
the



jet



would



work.



The

RAF



refused

to



help

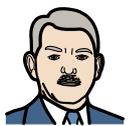


Frank

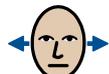


develop

it.



Frank



refused

to



give up

on his



invention.

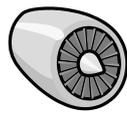


Frank



patented

his



jet engine



idea

in

1930

1930.



He



founded

a



company

to



develop

the



idea.



Power Jets Ltd



tested

the

1st



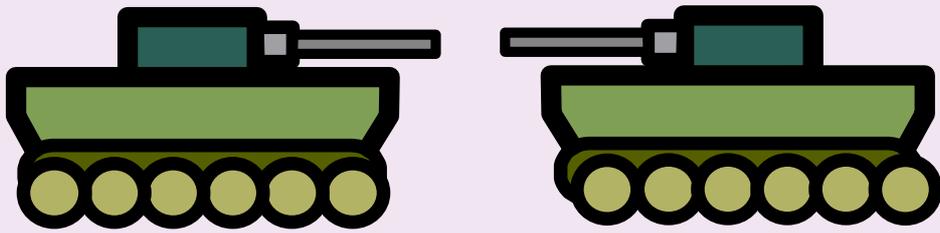
jet engine

1937

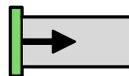
1937.



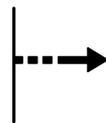
II



1939



In 1939 World War 2 began.



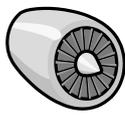
The British government now began supporting Frank.



Frank built a jet for a real aircraft.



1st



1941

Frank's first jet plane flew in May 1941.

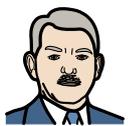
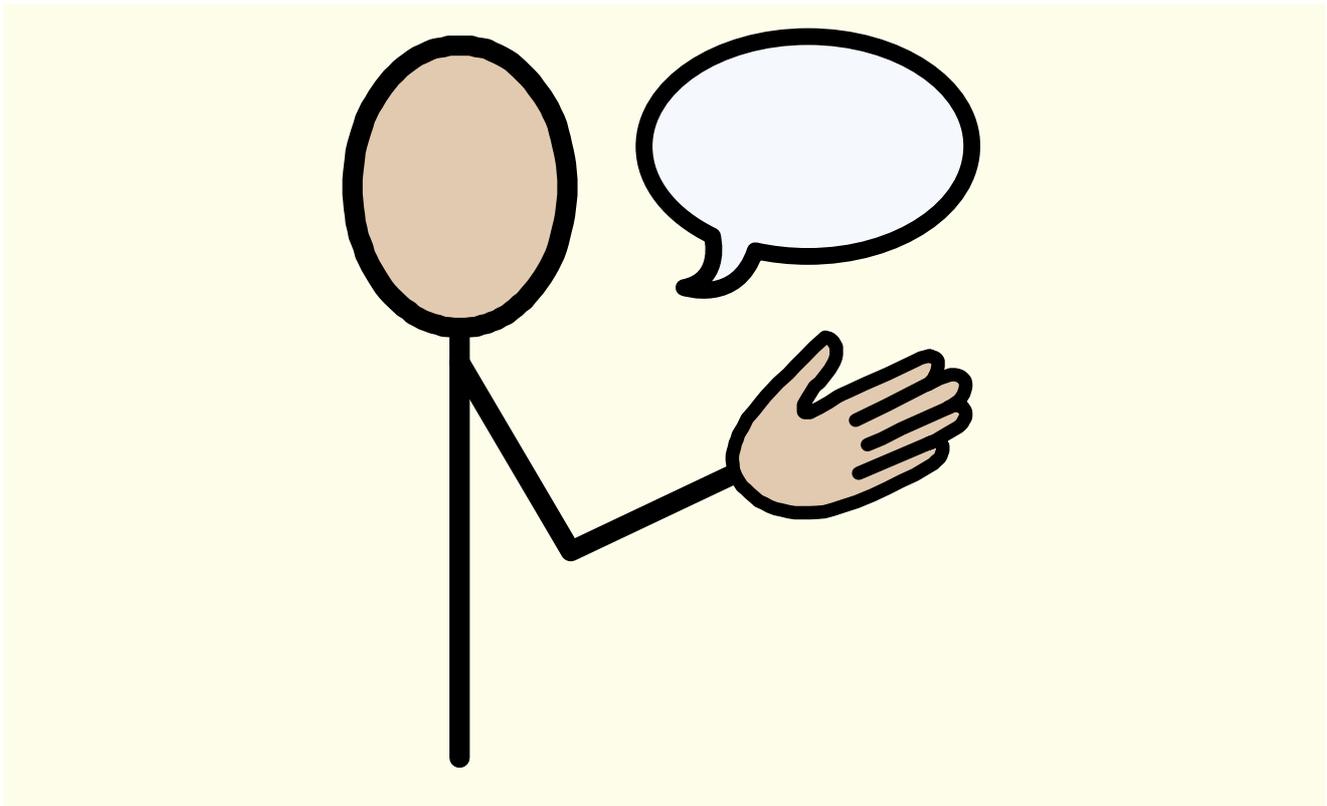


1943  was  promoted to  Wing Commander.

1944  was  awarded an  OBE.

 was  promoted to  Group Captain in the  RAF.

  retired from the  RAF in **1948**.



Frank



worked

as a



technical



advisor

on



jets.



He



visited

the



US,



Africa,



Asia



and the Middle East.

1976



In

1976

Frank



emigrated

to the



United States.



He



died

in



MD

Maryland

on

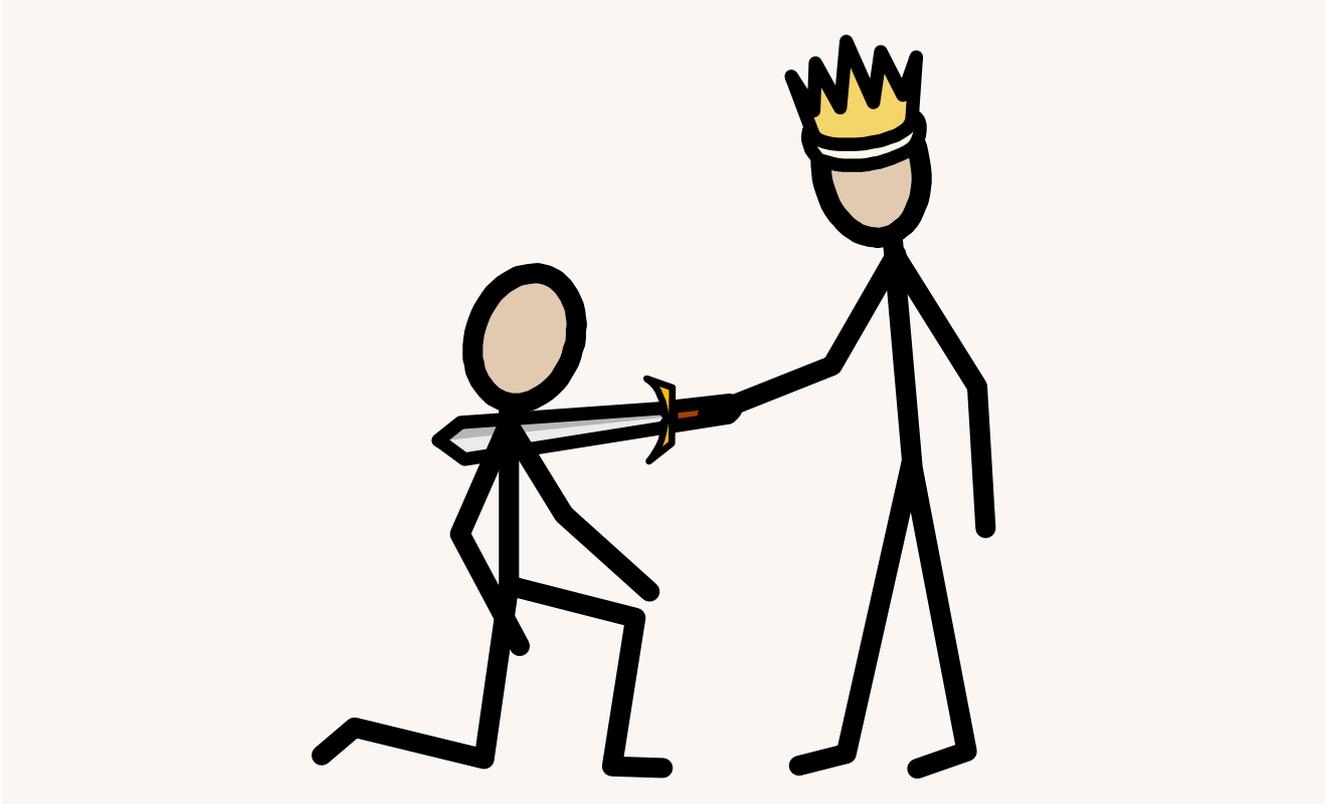
9th



August

1996

1996.



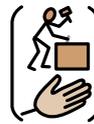
Frank



received



a knighthood



for services



to the RAF.



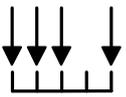
Frank



was knighted



by King George V.



Many



memorials

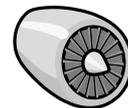


commemorate



Frank

and his



jet.



In Farnborough

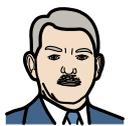
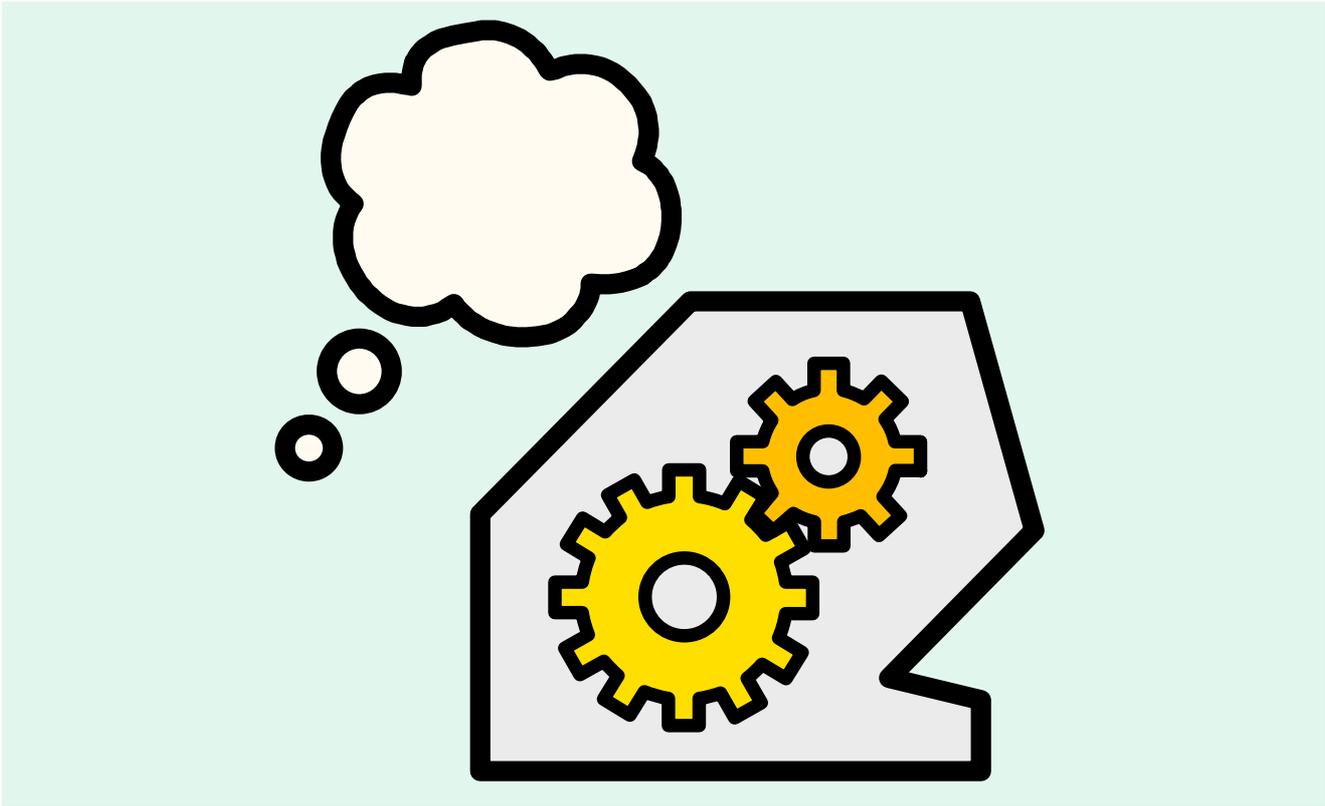
there is the



Whittle



memorial.

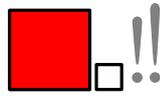


Frank's



invention

had a



huge



impact

on



air travel.



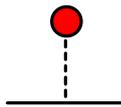
Jet



planes

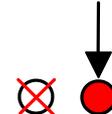


fly



higher

than



other



aeroplanes.



Jet



planes

can

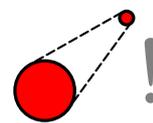


fly

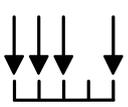


faster

and



further.



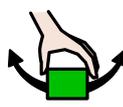
Most



modern

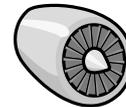


aircraft



use

the

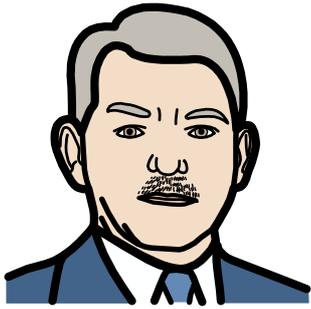


jet engine

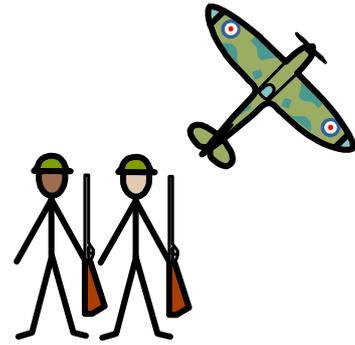
for



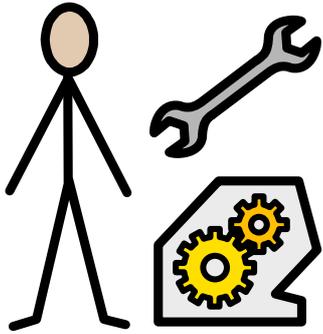
power.



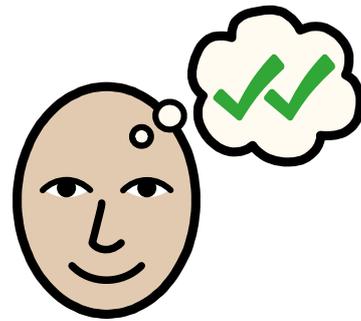
Frank Whittle



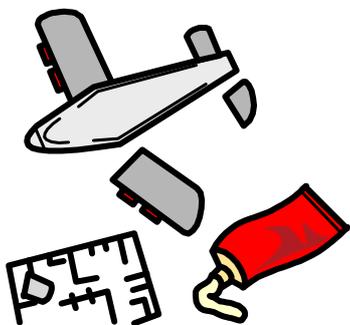
RAF



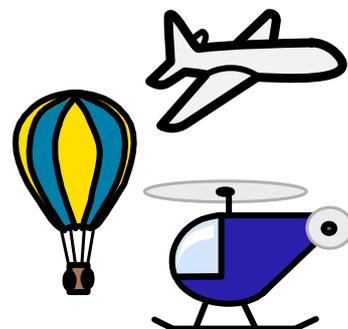
mechanic



genius



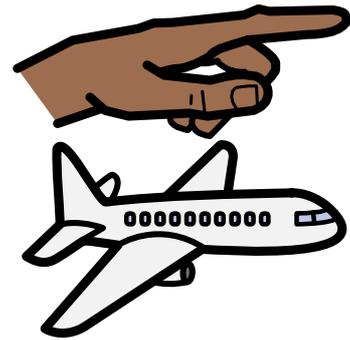
model



aircraft



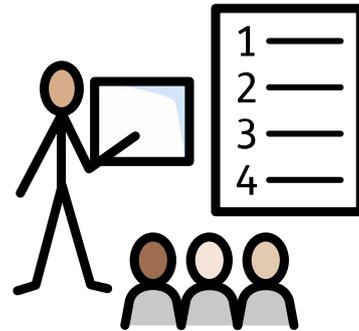
officer



flying



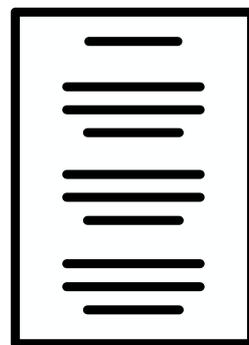
excelled



courses



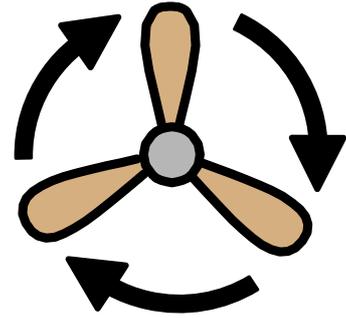
daredevil



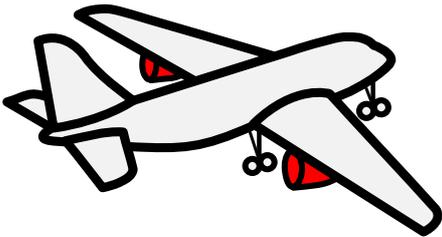
thesis



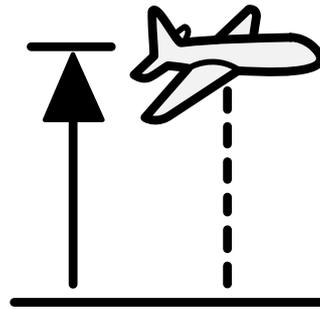
test pilot



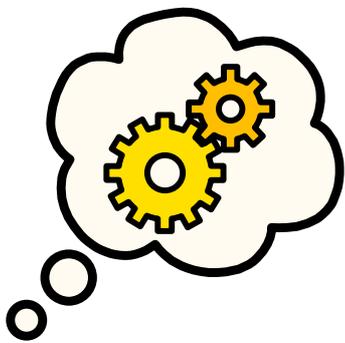
propellers



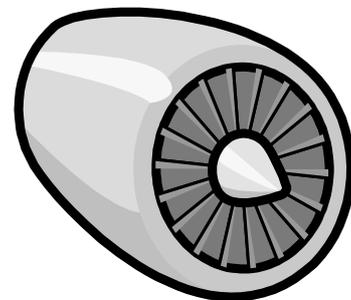
engines



high altitude



invented



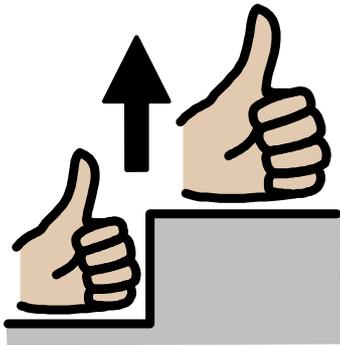
jet



company



World War 2



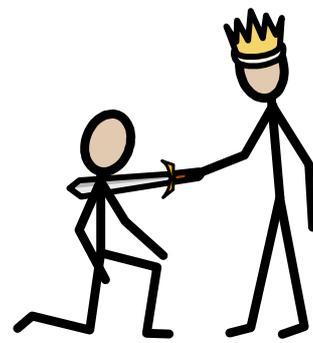
promoted



OBE



retired



knighted