

Sir Frank Whittle

Symbol Book

Sir Frank Whittle

Symbol

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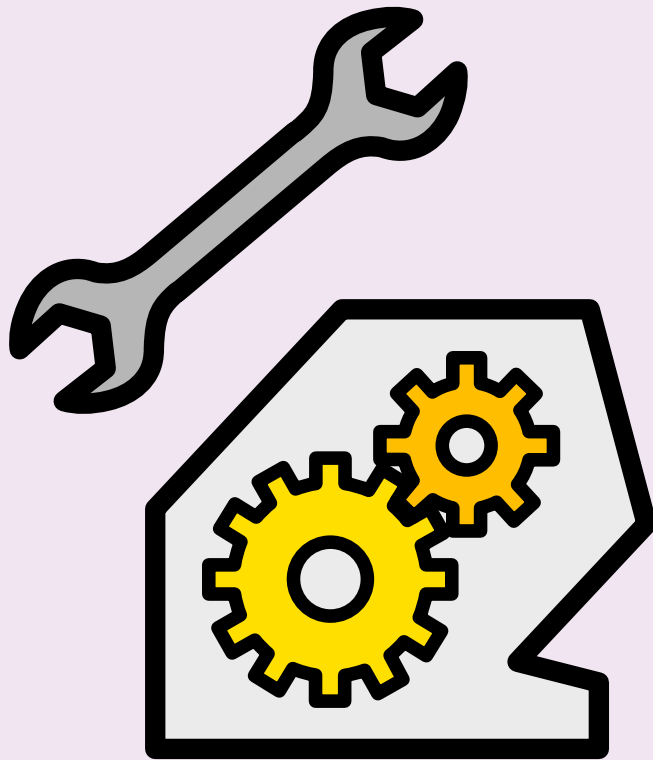
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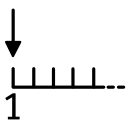
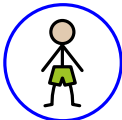


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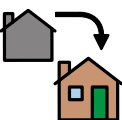
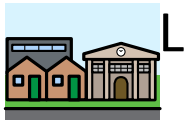


Sir Frank Whittle was born in Coventry in 1907.

He was the first son of Moses and Sara.

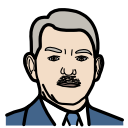
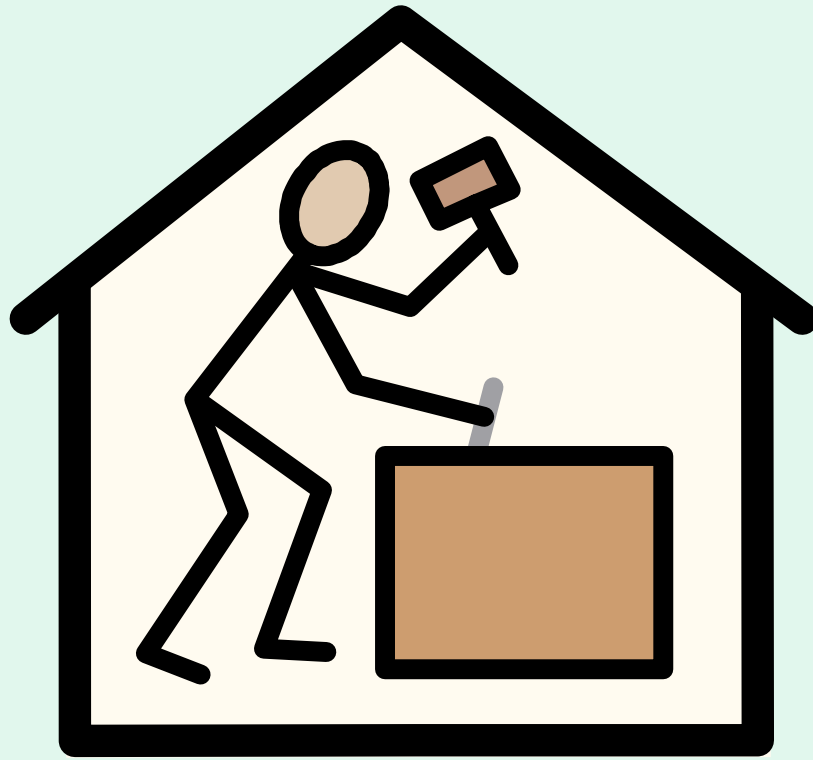
When Frank was 9 they moved to Leamington Spa.



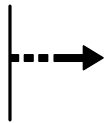





Here Frank's father bought an engineering company.



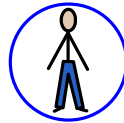
Frank



began



helping



father



in his workshop.



Frank



developed



practical



engineering

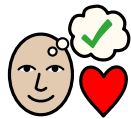


skills.



Frank

was an



enthusiastic



reader.



Frank



studied



astronomy,

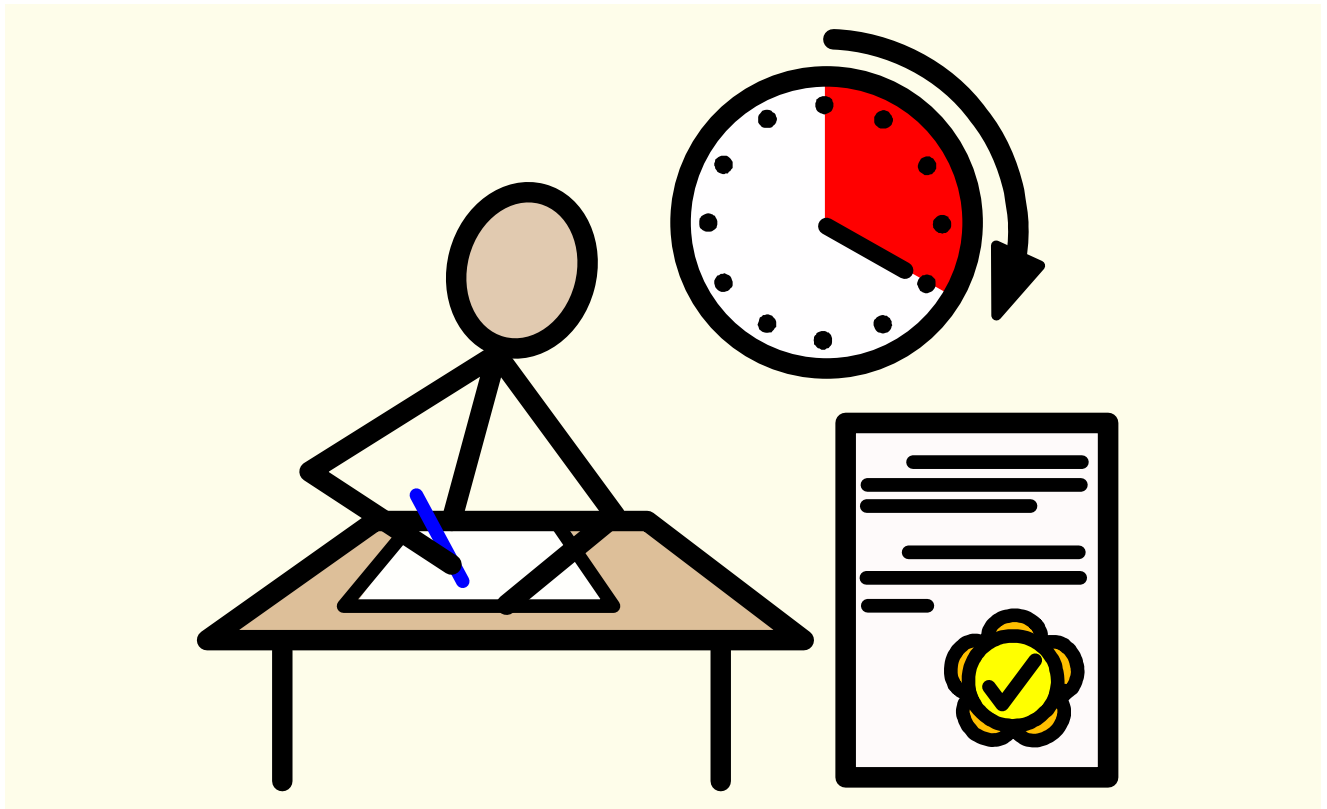


engineering

and



turbines.

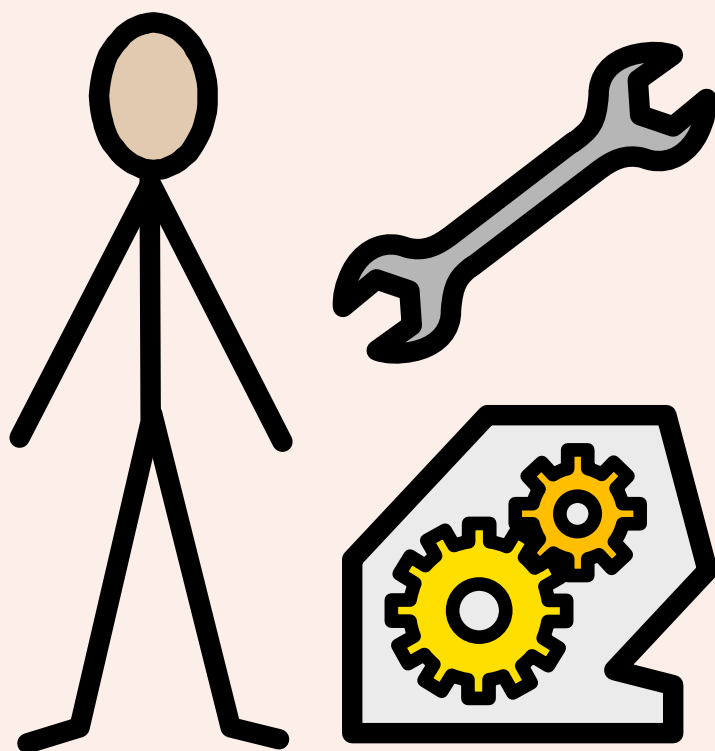


In 1923 Frank applied to join the Royal Air Force.

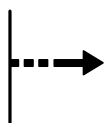
At 5 feet tall Frank failed the medical exams.

Frank trained hard, but failed again 6 months later.

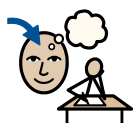
He applied with a different name and was accepted.



Frank



began



training

to be an



aircraft



mechanic.



Frank

was a

$$\begin{array}{r} 2 \\ +3 \\ \hline 5 \end{array}$$

mathematical



genius.



Frank

also



enjoyed



building



model



aircraft.

1926



he



was recommended

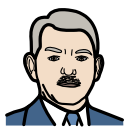
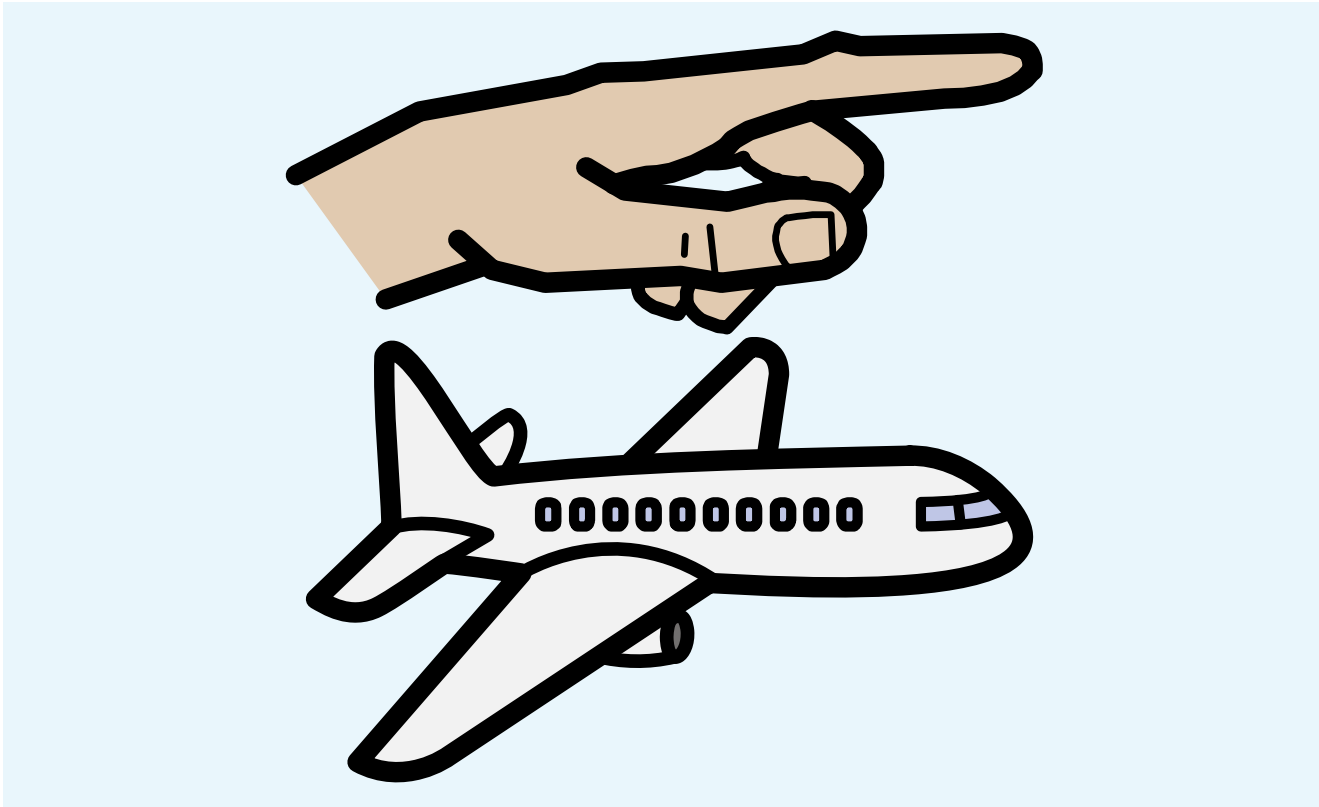
for



officer



training.



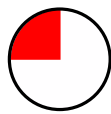
Frank's



officer



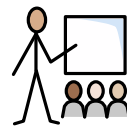
training



included



flying



lessons.

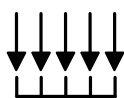


He



excelled

in



all

his



courses

and at



flying.

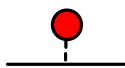


Frank



excelled

as a



low



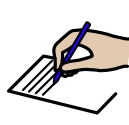
flying



daredevil.



He



also

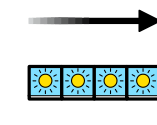
wrote

a



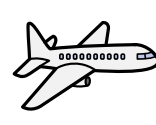
thesis

on

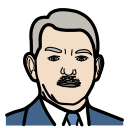
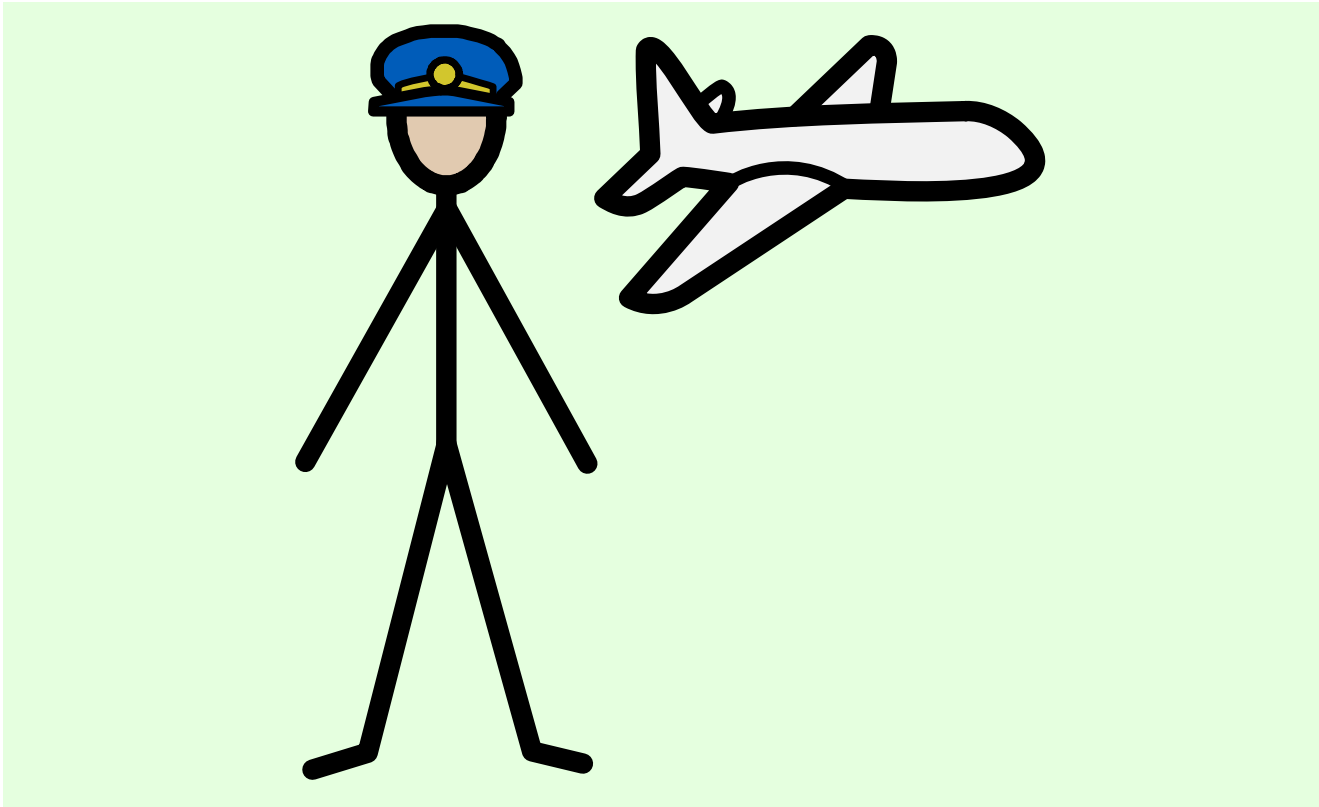


the future

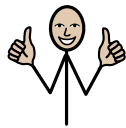
of



aeroplanes.



Frank



was

promoted

to



Flying



Officer

in

1930

1930.



Frank

also



married

his



fiancée



Dorothy

in

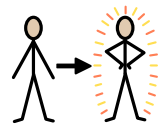
1930

1930.



Frank

then



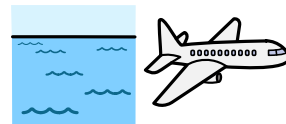
became

a

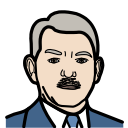


test pilot

for



sea planes.



He

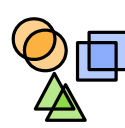


flew in

20

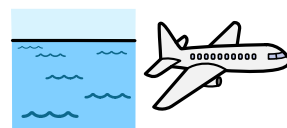
20

different

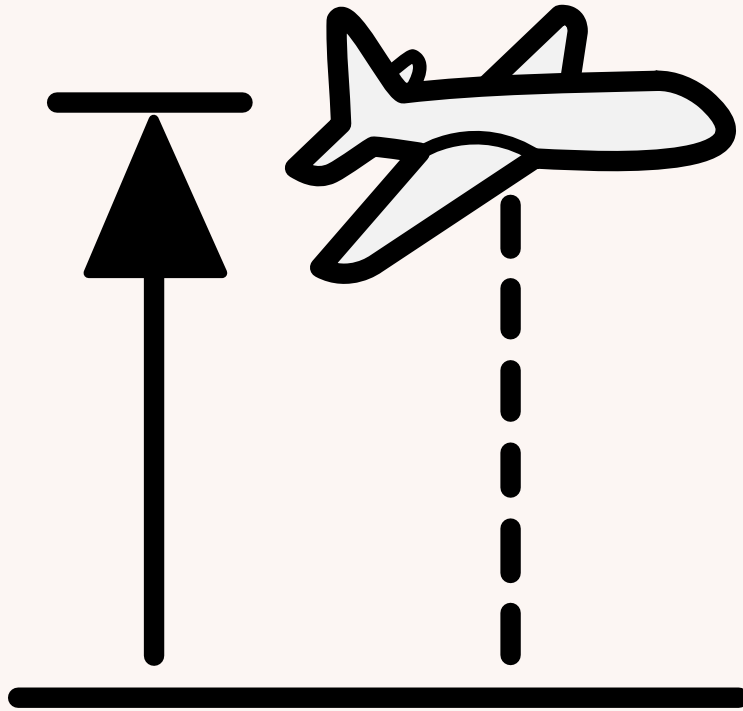








types

of







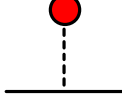






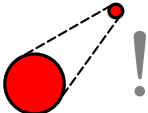


sea planes.

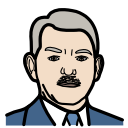
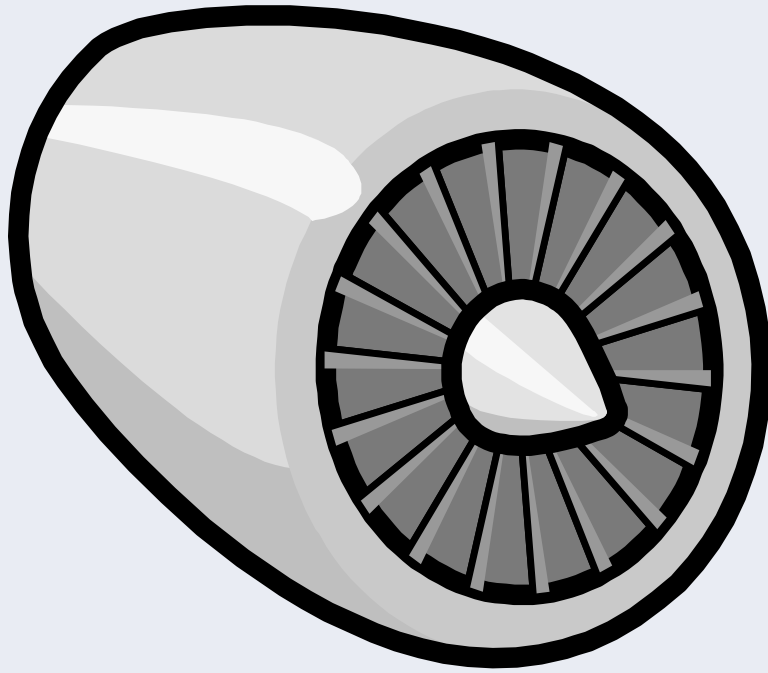


At the  time  aeroplanes  used  propellers  as  engines.

 Propeller  planes  could not  fly  very high.

 Frank  realised  planes  needed to  fly  much  higher.

 High altitude  planes  could  fly  further  and  faster.

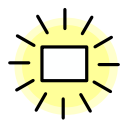


Frank



invented

a



new

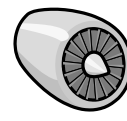


engine



called

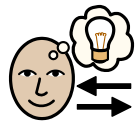
a



jet.



Frank

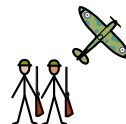


shared the idea



with

the

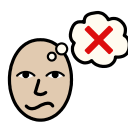


RAF.



The

RAF



didn't believe

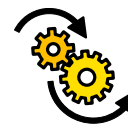
the



jet



would

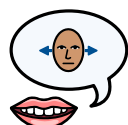


work.



The

RAF



refused

to



help

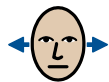
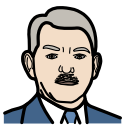
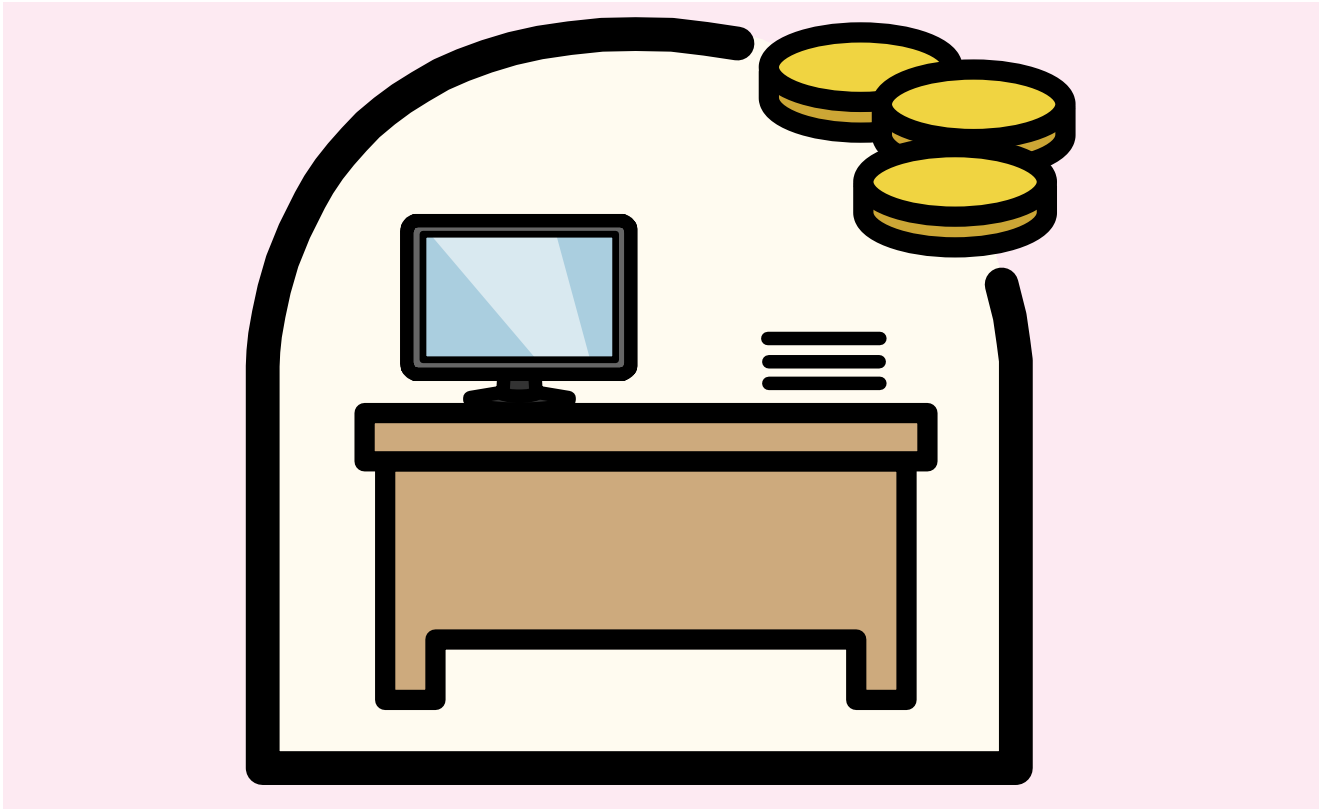


Frank



develop

it.

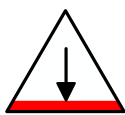


Frank refused to give up on his invention.



1930

Frank patented his jet engine idea in 1930.



He founded a company to develop the idea.



1st

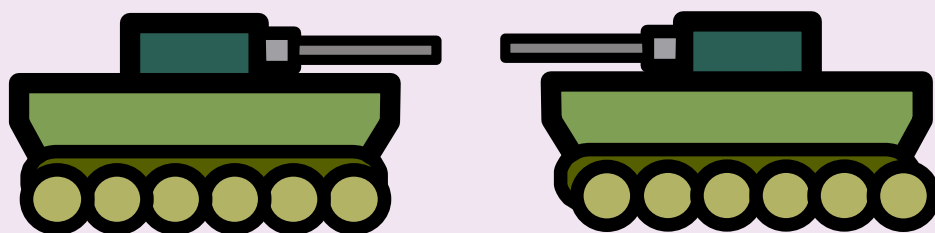


1937

Power Jets Ltd tested the 1st jet engine in 1937.



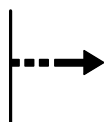
II



1939



In 1939 World War 2 began.



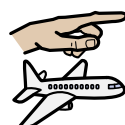
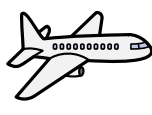
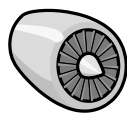
The British government now began supporting Frank.



Frank built a jet for a real aircraft.

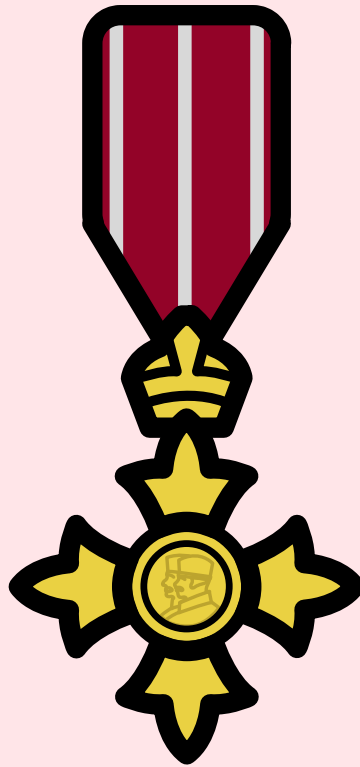





1st







1941




Frank's first jet plane flew in May 1941.

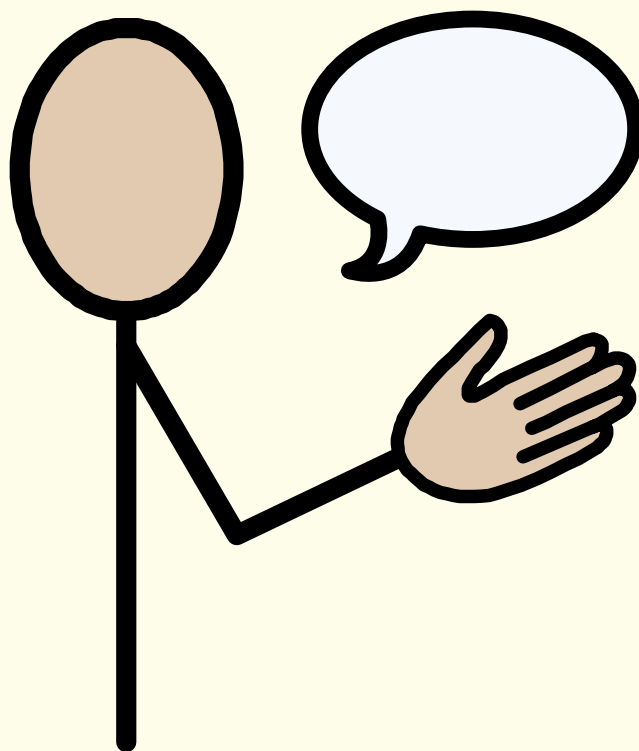


1943  was  promoted to  Wing Commander.

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



Frank



emigrated

to the



United States.



He



died

in



Maryland

on

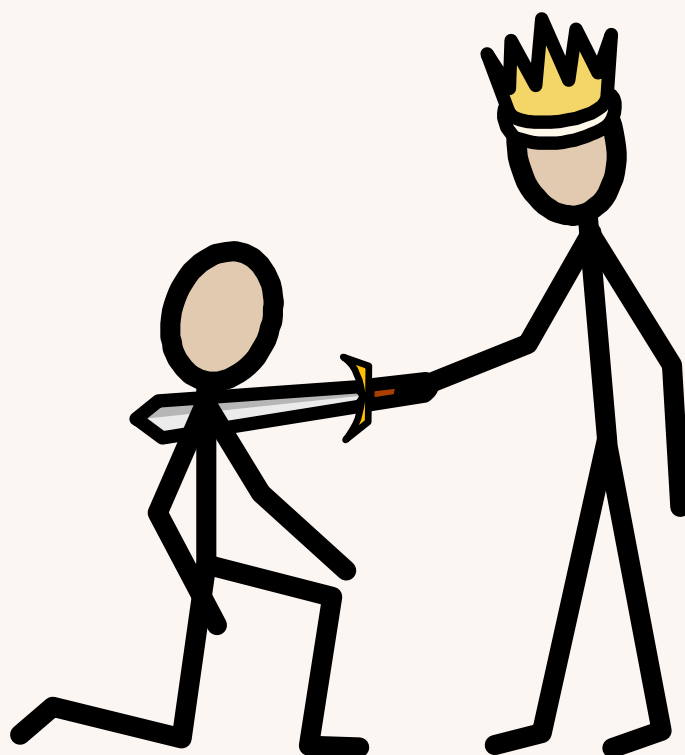
9th



August

1996

1996.



Frank



received



a knighthood



for services



to the RAF.



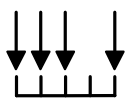
Frank



was knighted



by King George V.



Many



memorials

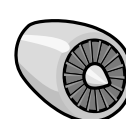


commemorate



Frank

and his



jet.



In Farnborough

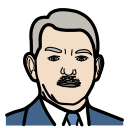
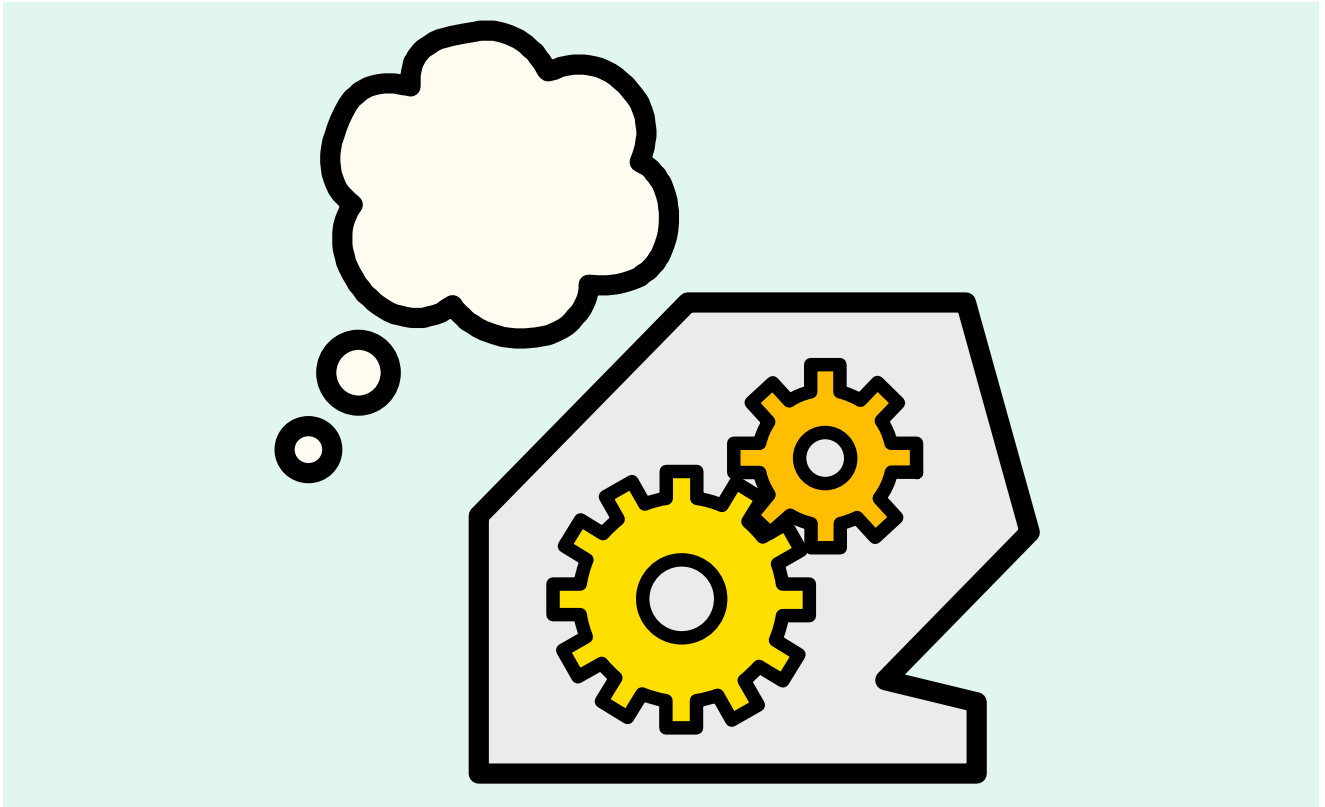
there is the



Whittle



memorial.

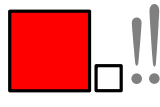


Frank's

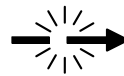


invention

had a



huge



impact

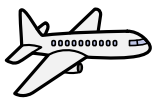
on



air travel.



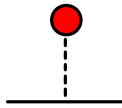
Jet



planes

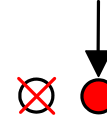


fly



higher

than



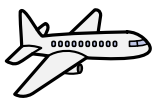
other



aeroplanes.



Jet

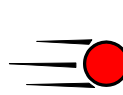


planes

can

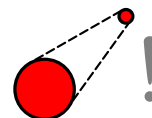


fly

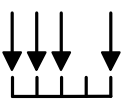


faster

and



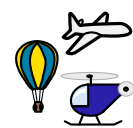
further.



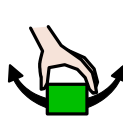
Most



modern

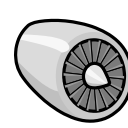


aircraft



use

the

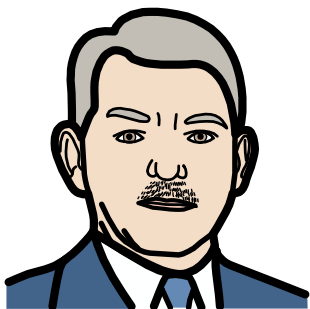


jet engine

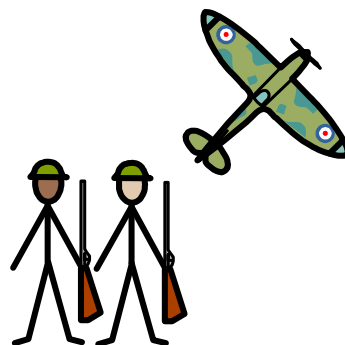
for



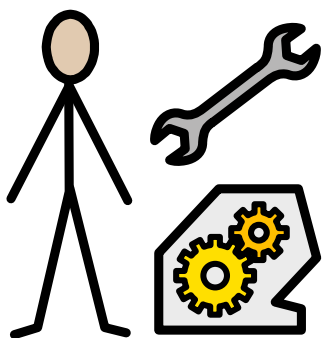
power.



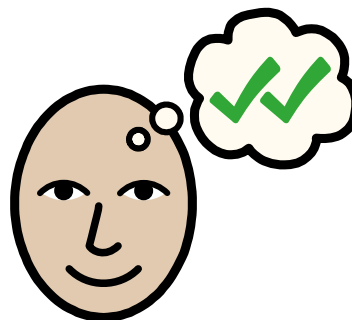
Frank Whittle



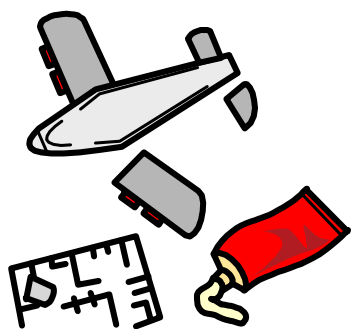
RAF



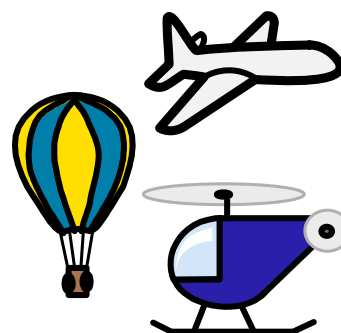
mechanic



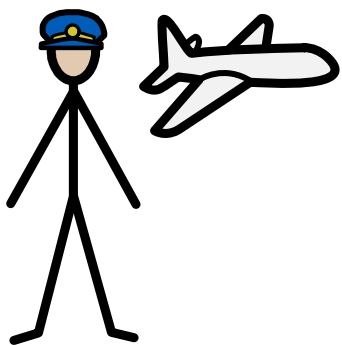
genius



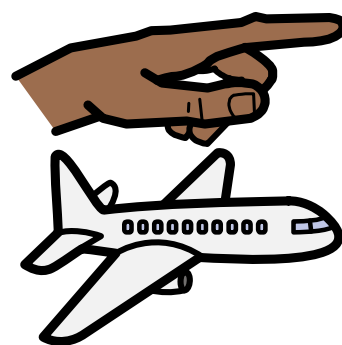
model



aircraft



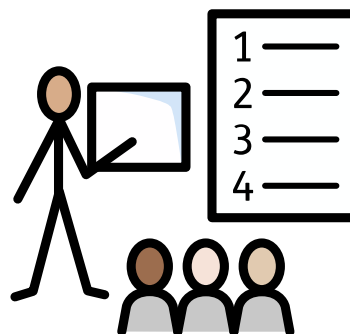
officer



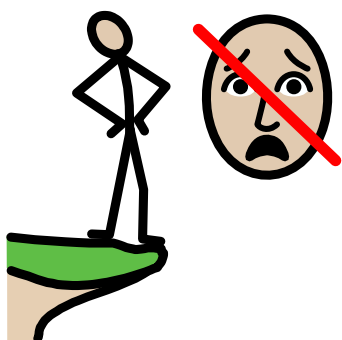
flying



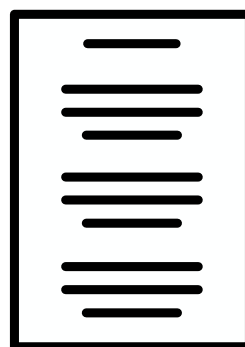
excelled



courses



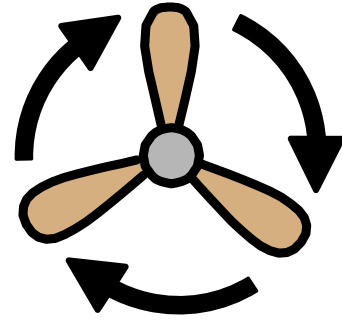
daredevil



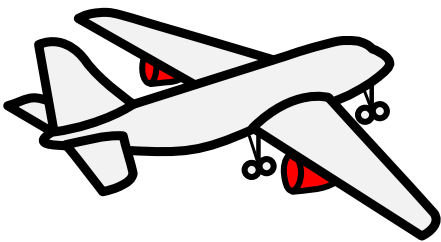
thesis



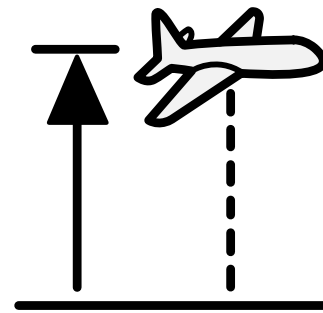
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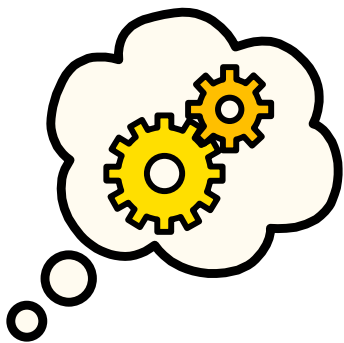
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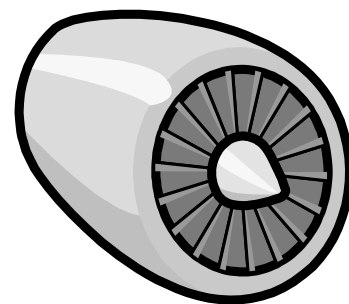
engines



high altitude



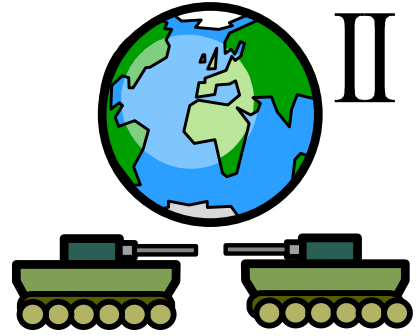
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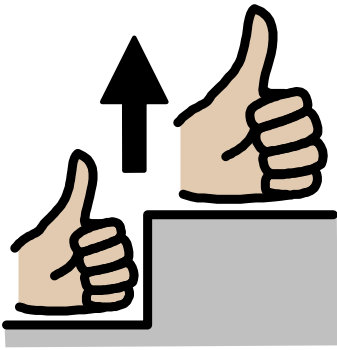
jet



company



World War 2



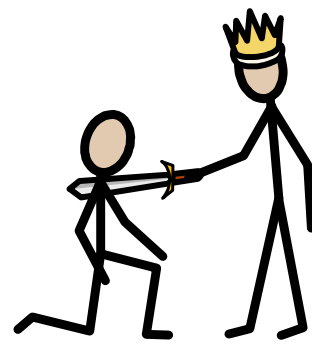
promoted



OBE



retired



knighted