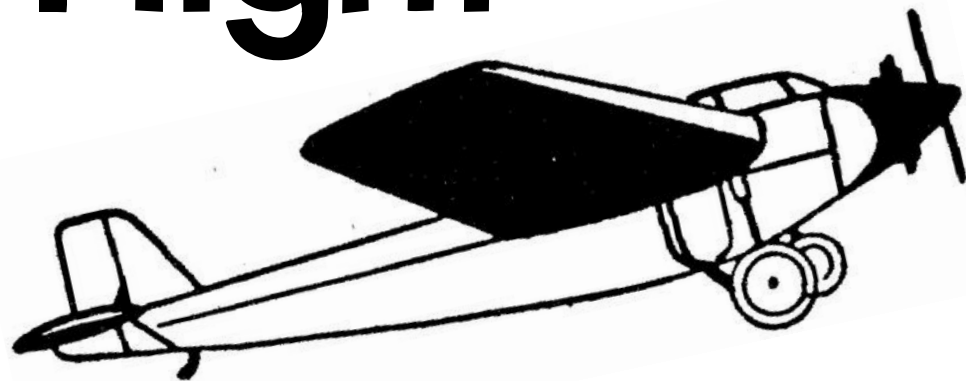


lapbook helps for

History of Flight



Created to go with
Amanda Bennett's unit study

Pages 2-13 Words of Wisdom pages

Pages 14-25 Words of Wisdom-- cut out mini books on solid black lines, fold in half, glue each one to the WOW pages; you can fit 6 per page

Pages 26-41 mini books for your flight journal

Note: not all topics in the flight unit are covered in this file

Words of Wisdom



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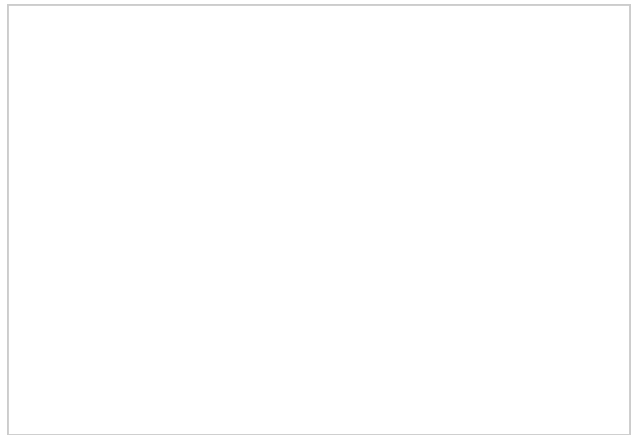
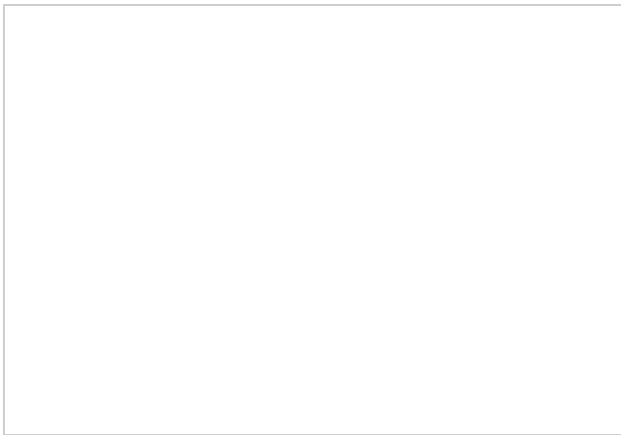
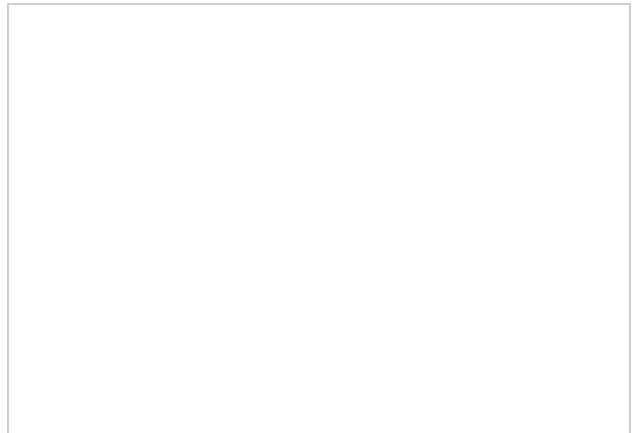
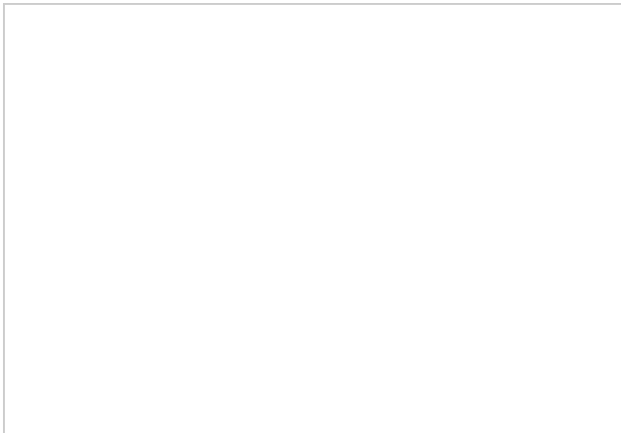
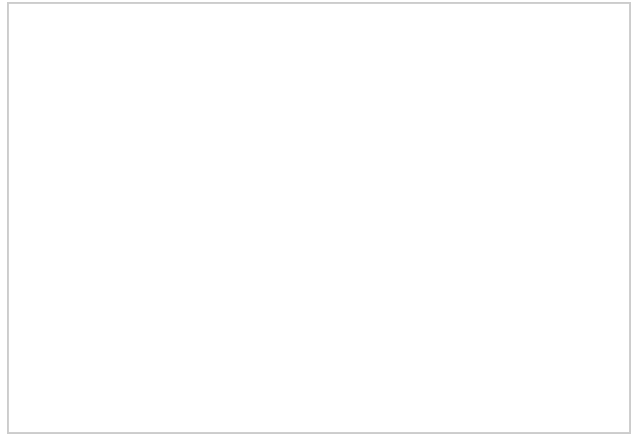
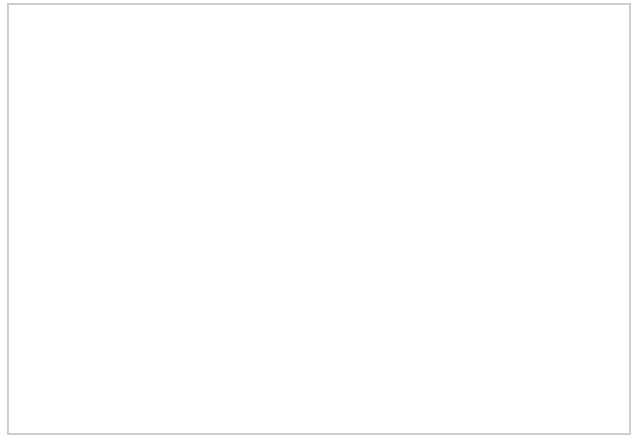
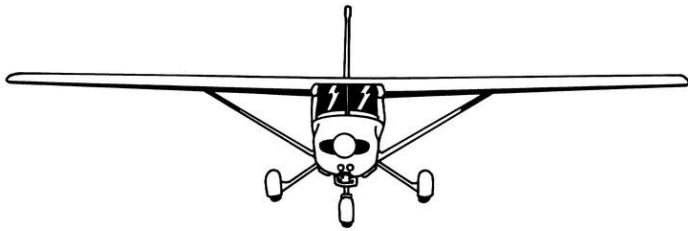
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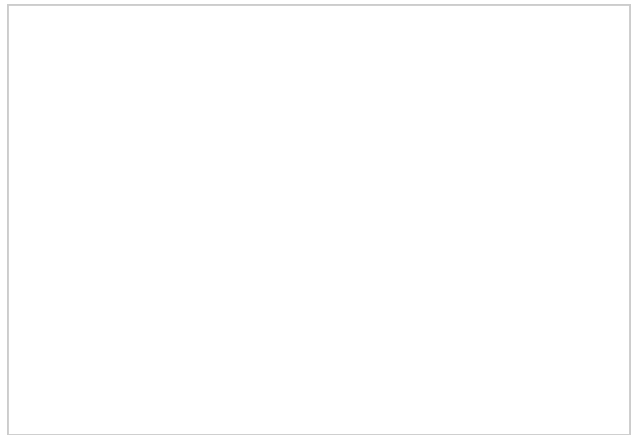
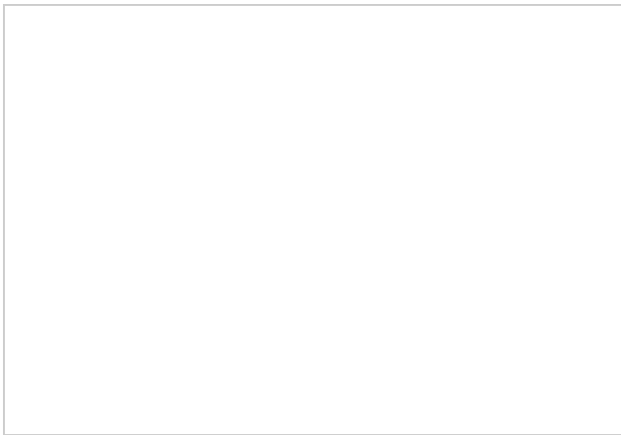
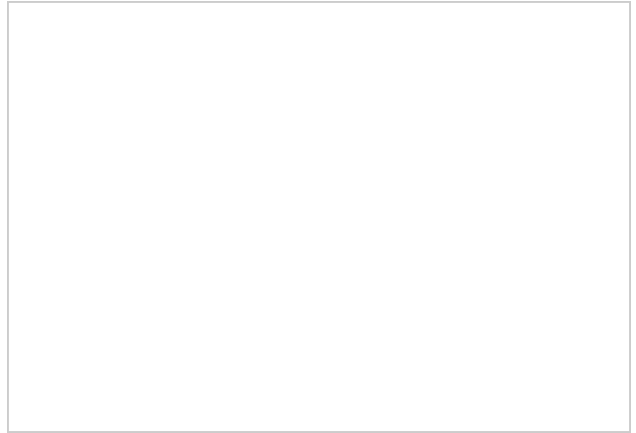
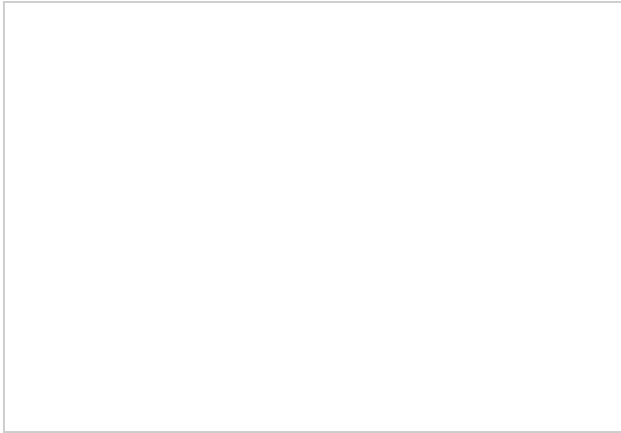
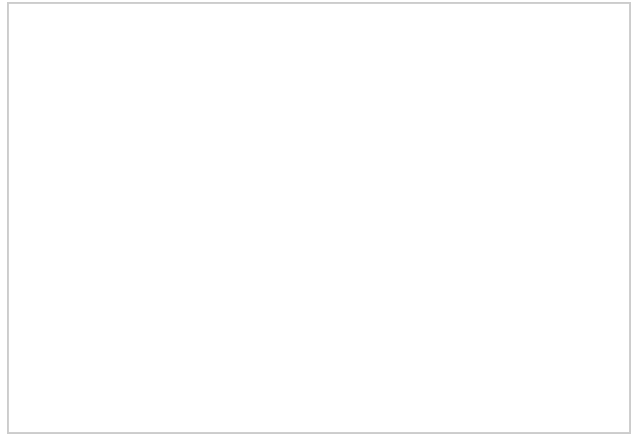
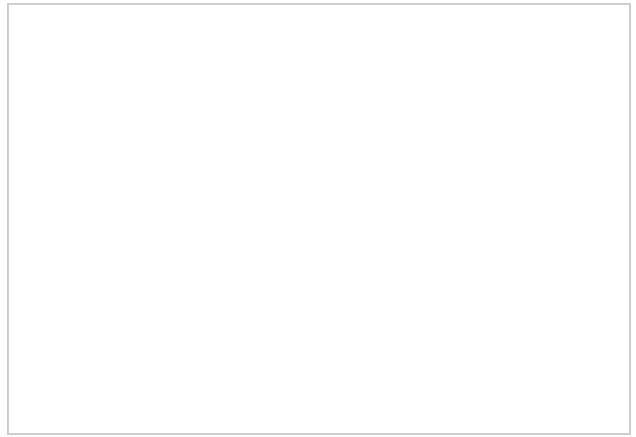
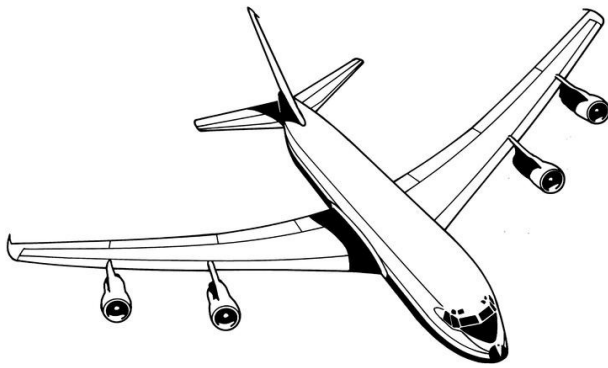
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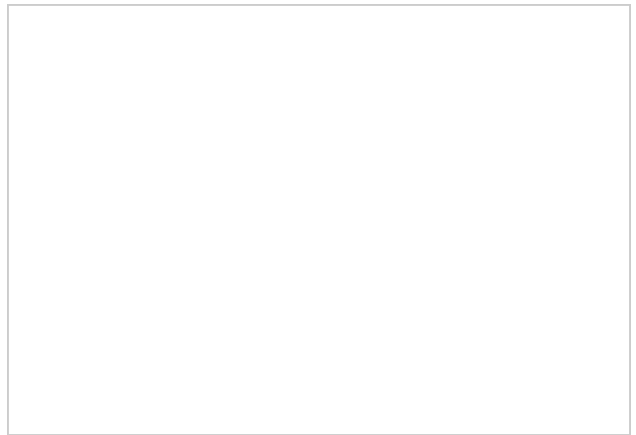
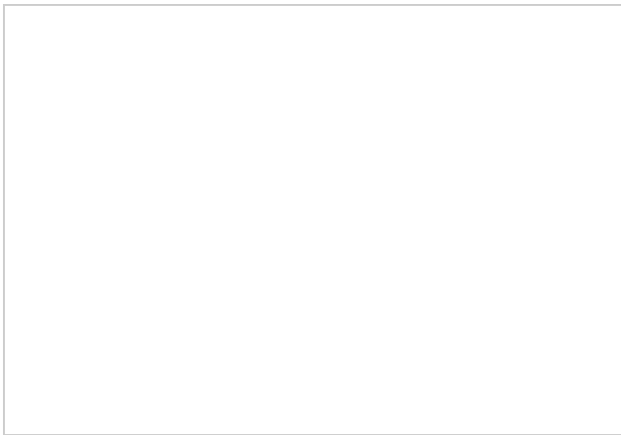
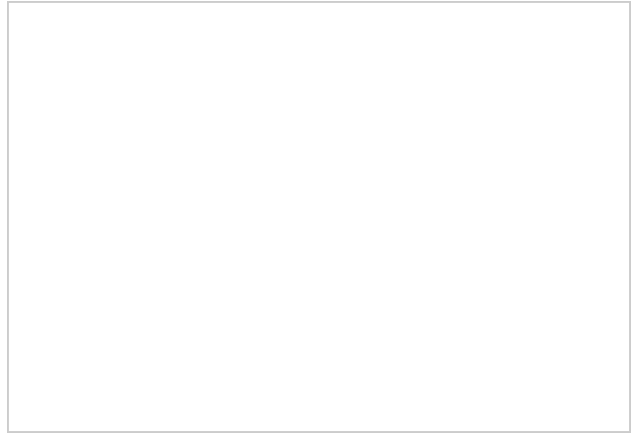
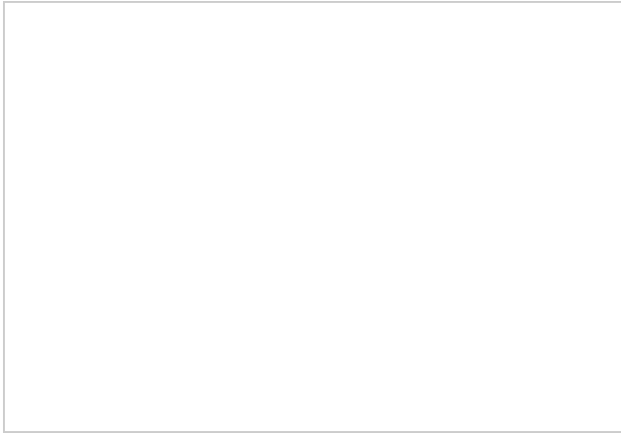
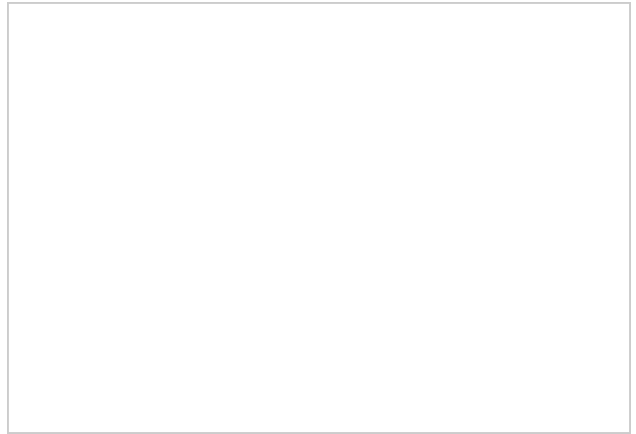
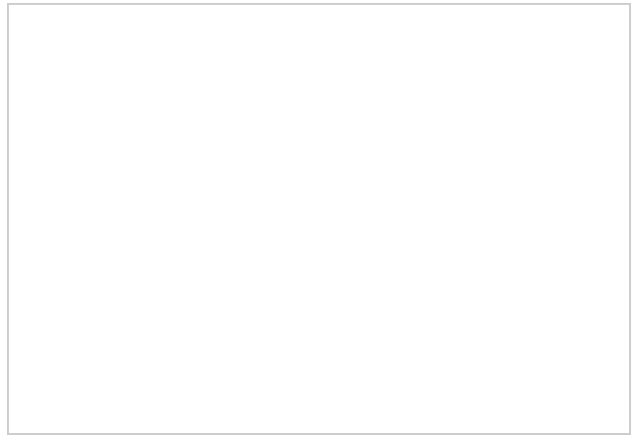
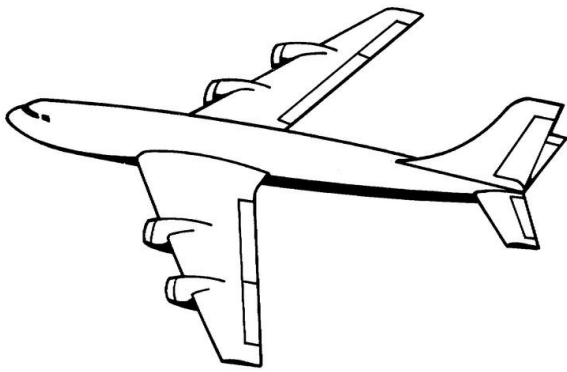
Words of Wisdom



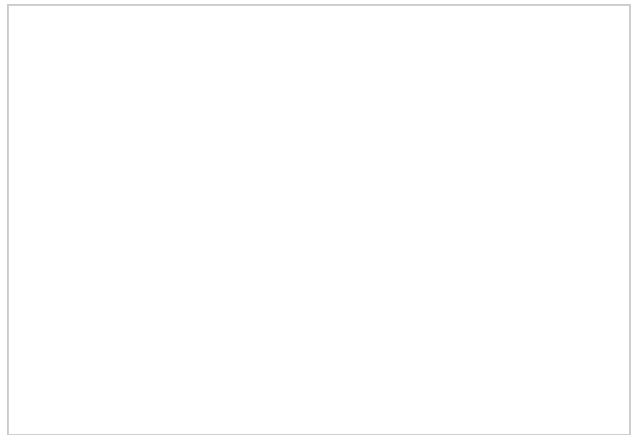
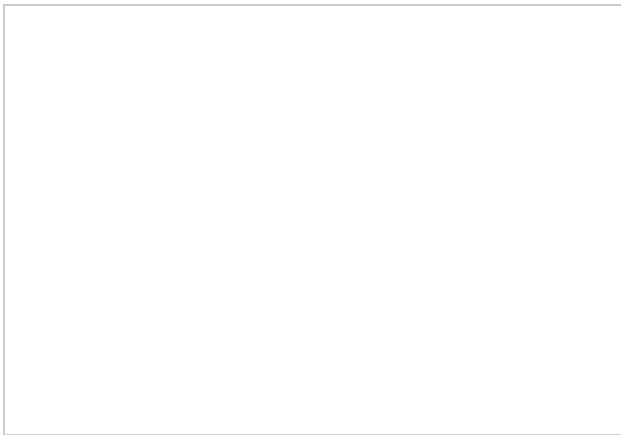
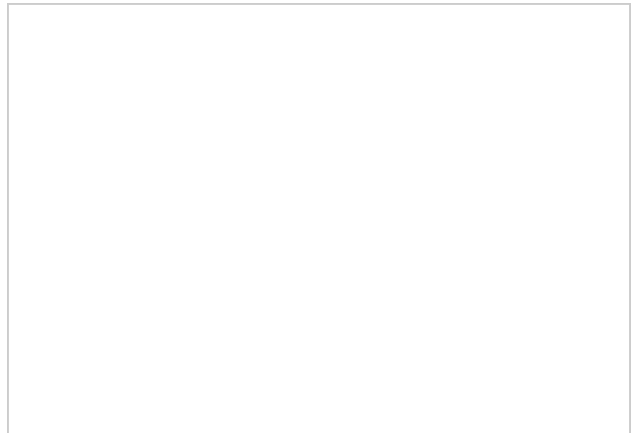
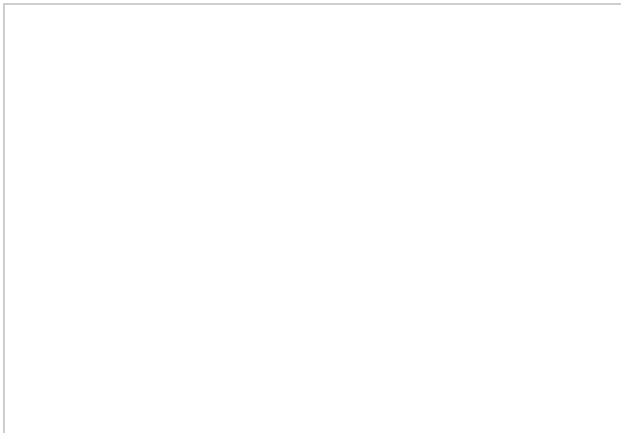
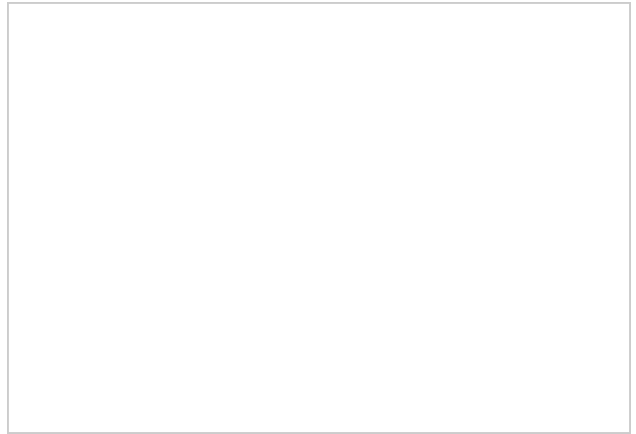
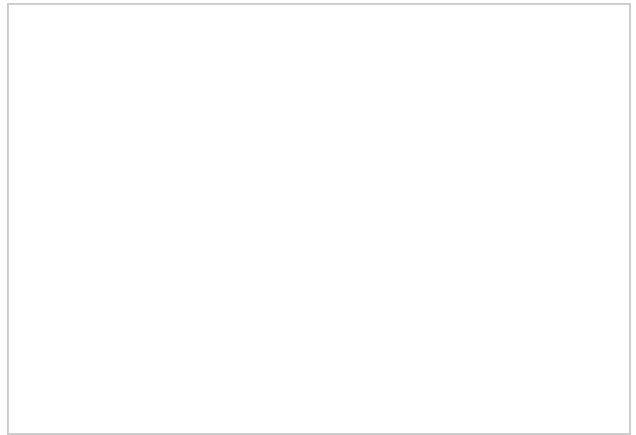
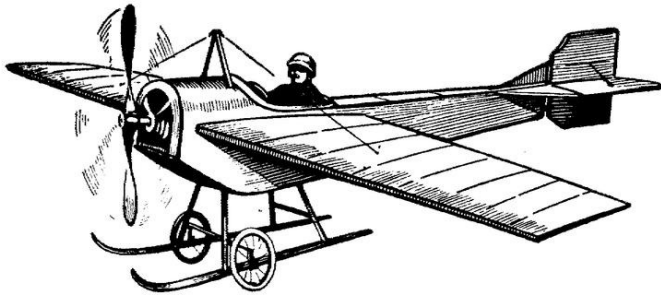
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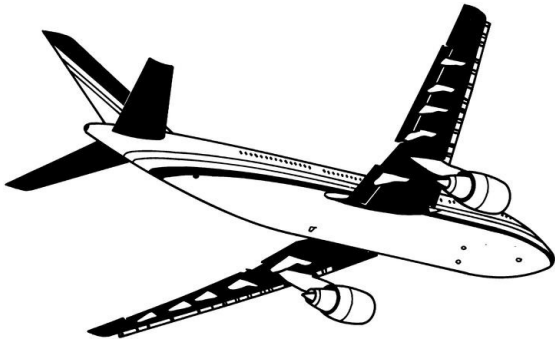
Words of Wisdom



Words of Wisdom



Words of Wisdom



Blank box for writing.

Blank box for writing.

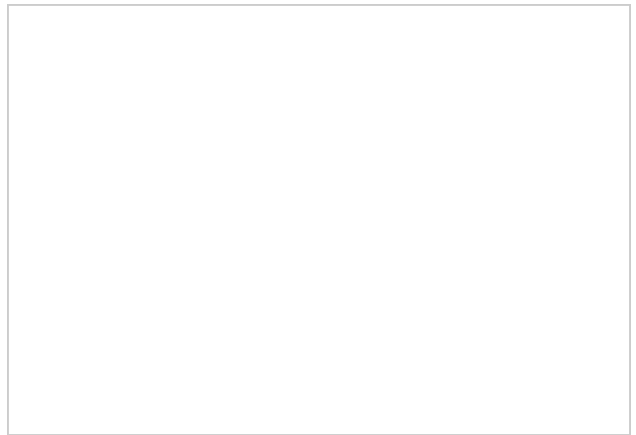
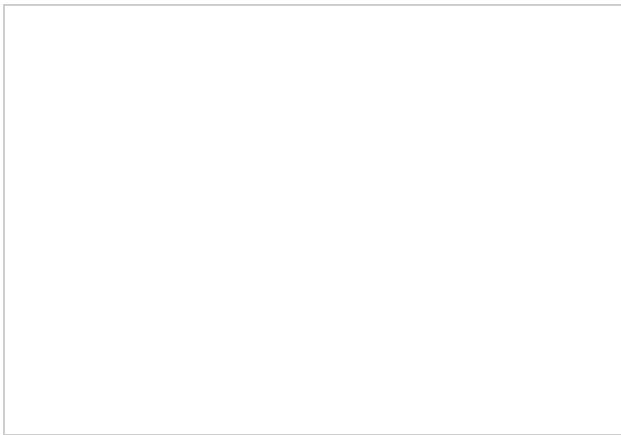
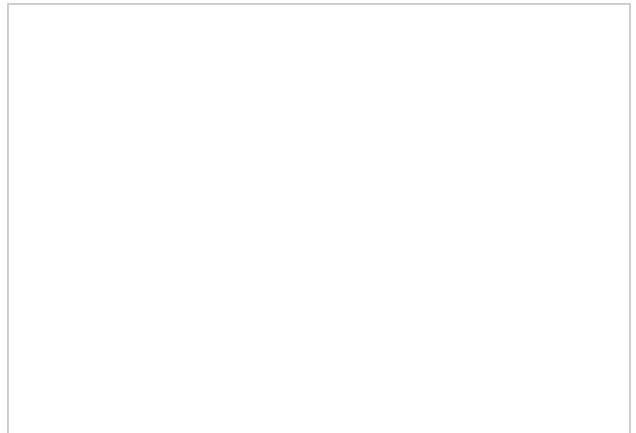
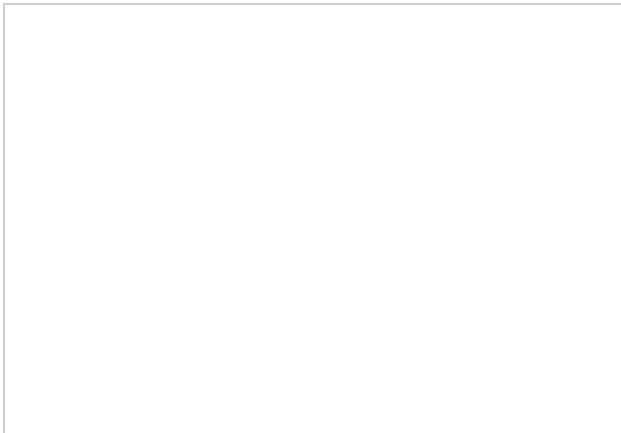
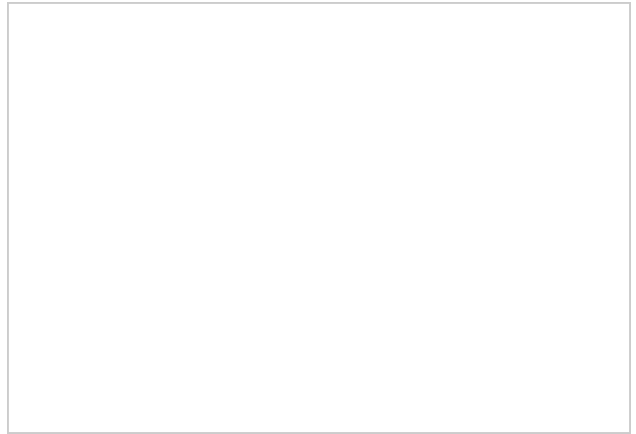
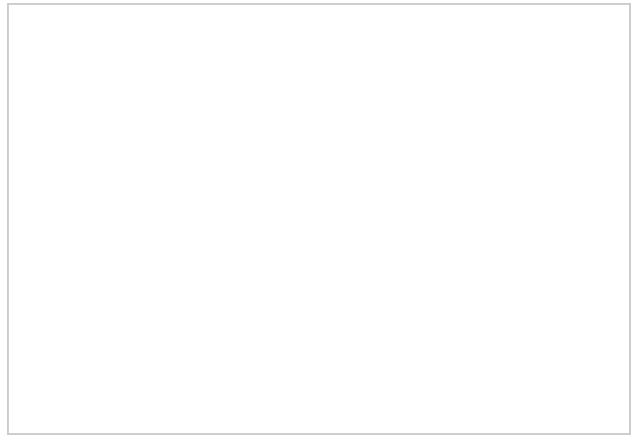
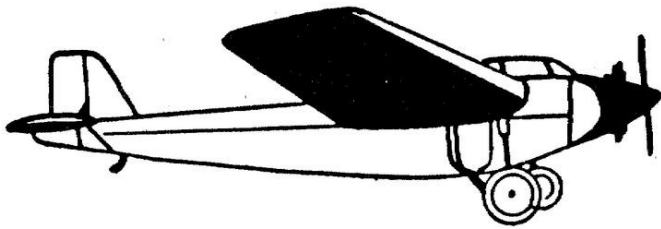
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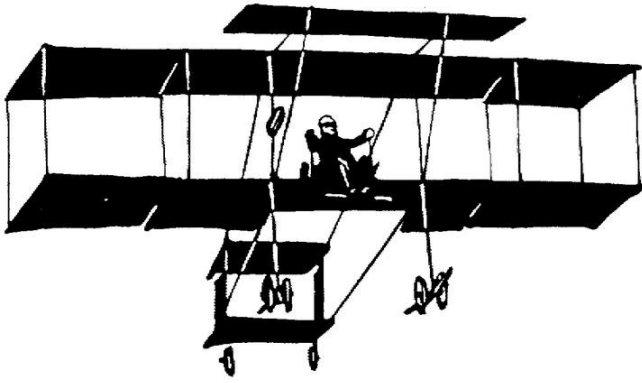
Blank box for writing.

Blank box for writing.

Blank box for writing.

Words of Wisdom





Words of Wisdom

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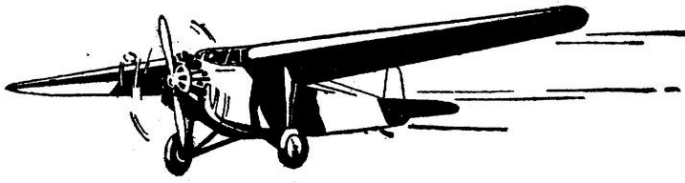
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Words of Wisdom

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Words of Wisdom

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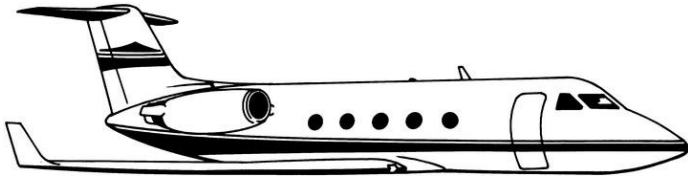
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Words of Wisdom

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Words of Wisdom

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air

airfoil

airplane

balloon

bank

bird

blimp

controls

direction

engine

drag

fighter

fin

flap

flight

fly

force

fuel

glider

gravity

hangar

helicopter

invent

jet

kite

landing

license

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pitch

roll

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route

rudder

runway

solo

speed

stall

tail

taxi

test

throttle

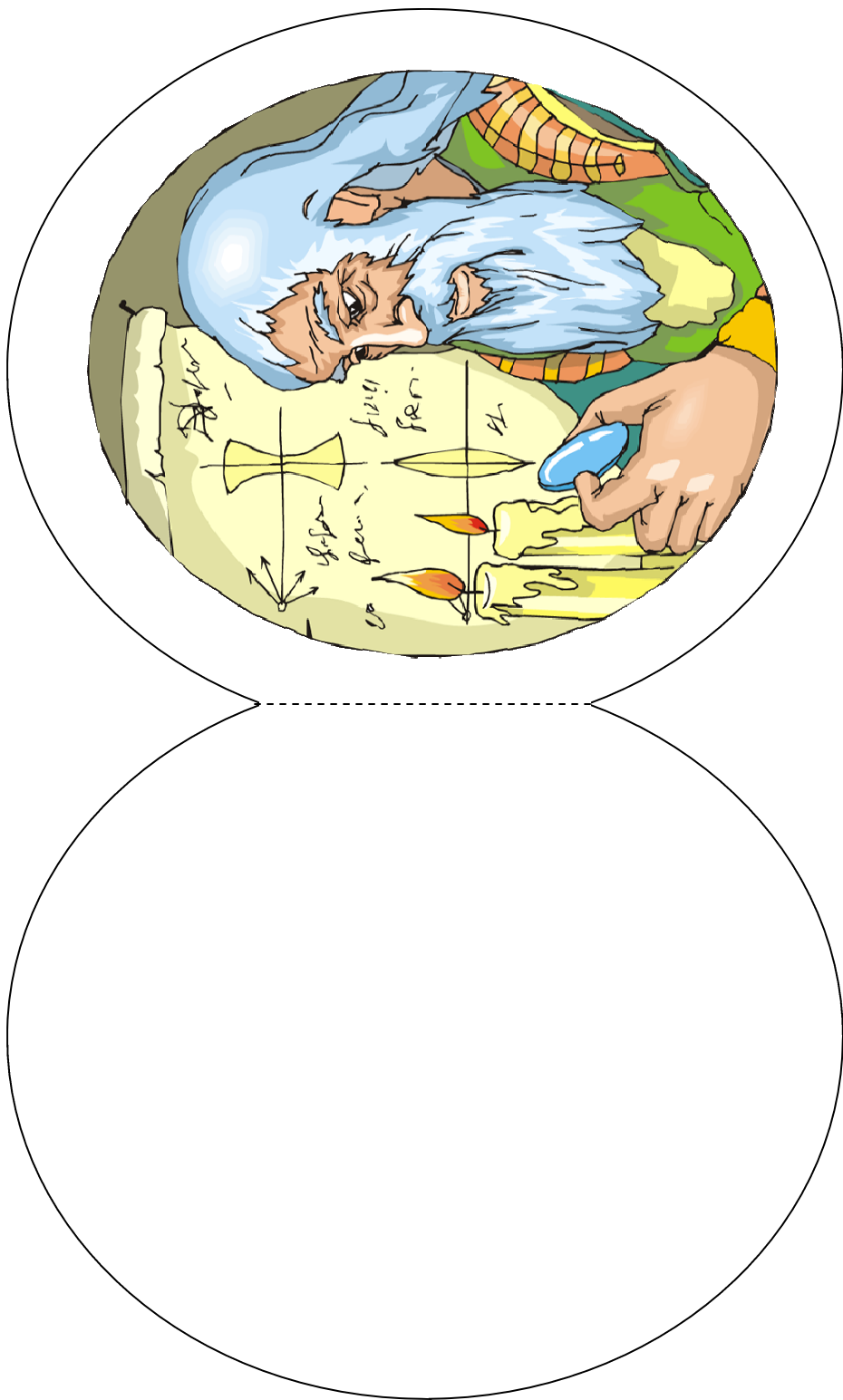
thrust

turn

wind

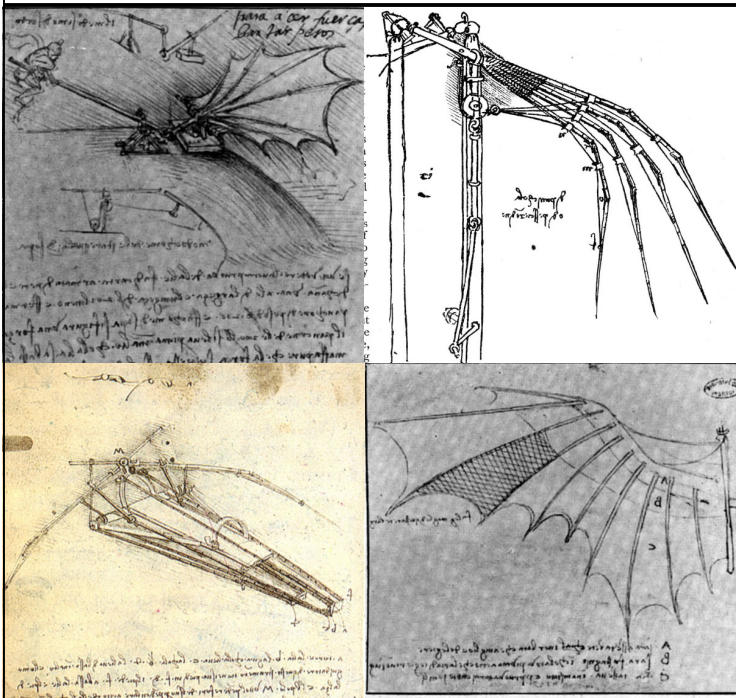
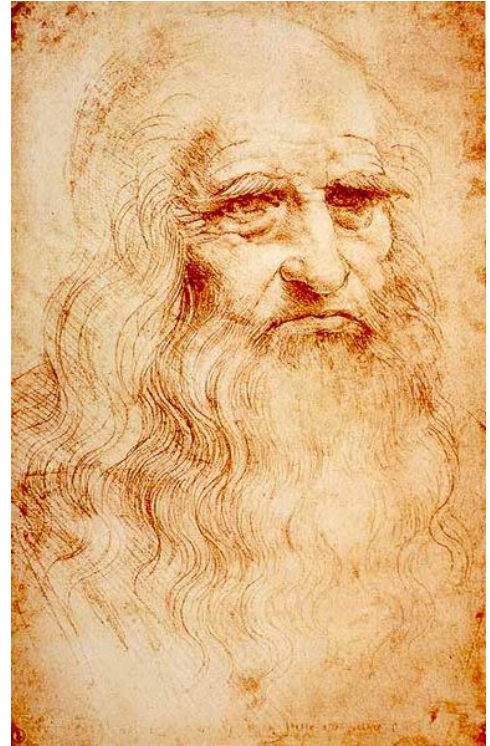
wing

yaw



Cut book out as one piece. Fold in half. Option for younger student on next page.

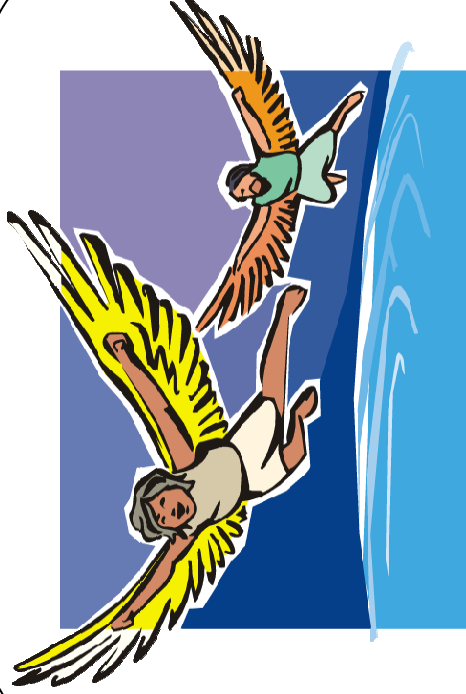
Leonardo da Vinci & Flight



Leonardo da Vinci observed birds. He watched how they flew and sketched their wings and muscles while they were in flight. Unfortunately, his ornithopter (a machine that flies by flapping its wings) didn't work. He failed to realize that human beings lacked the necessary muscle power to imitate bird flight with flapping wings.

Cut book out as one piece. Fold matchbook style. Cut and paste text & picture to the inside sections of the matchbook.

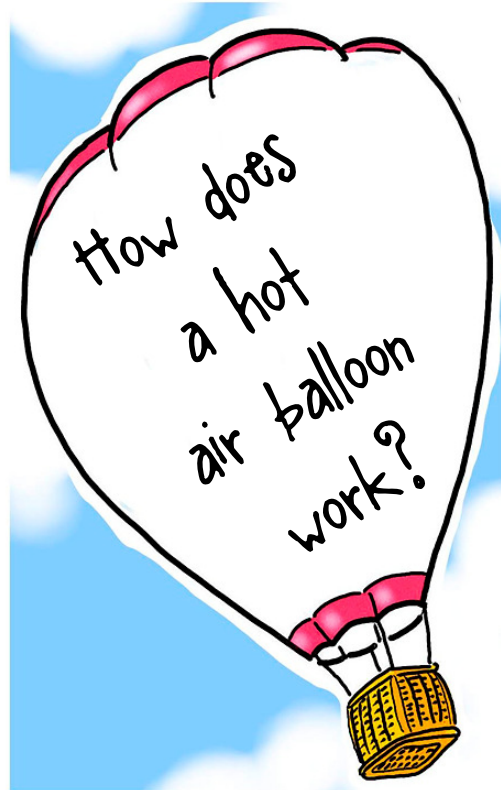
Cut book out and fold in half.



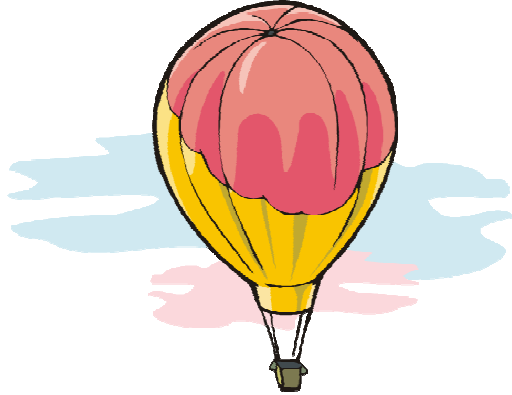
What lesson can be learned
from the story of Icarus?



Use these three pictures for the layer book on the next page. Next page is the layer book option for younger students. The page after that is the layer book option for older students.



Parts of a Hot Air Balloon



The burner propels the hot air up into the envelope. It is like the hot air balloon's engine.

The Burner

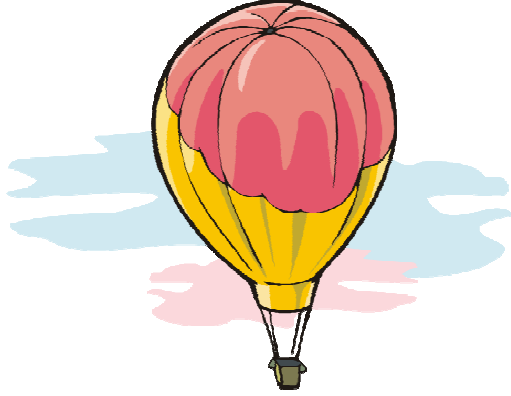
The balloon part of the hot air balloon is called "the envelope."

The Envelope

The basket is where the pilot and passengers are held. It is also called "the gondola."

The Basket

Parts of a Hot Air Balloon

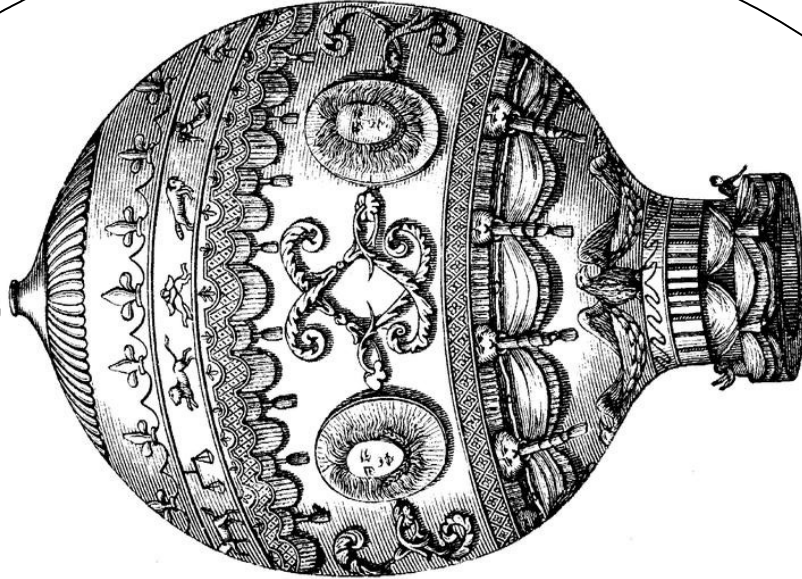


The Burner

The Envelope

The Basket

Montgolfier



Brothers

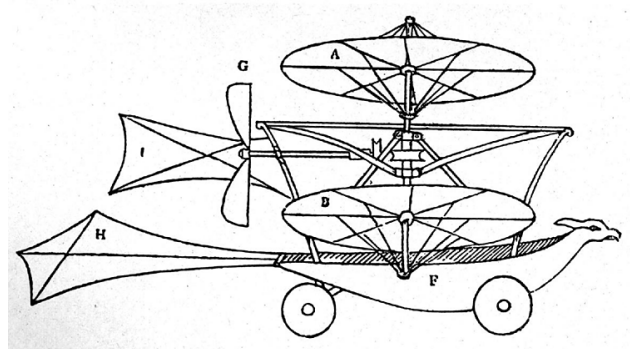
Add Sir George Cayley's name here



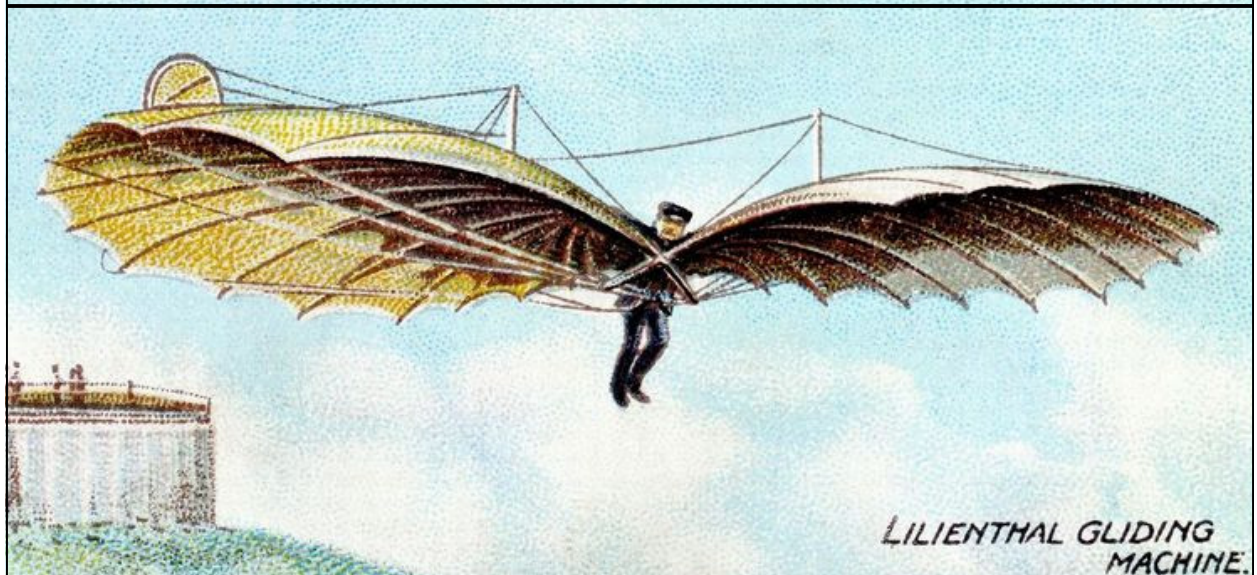
Cut out book as one piece. Fold flap (with Cayley's picture) down. Fold book in half. Paste the information (or have student write his own) under the flap.

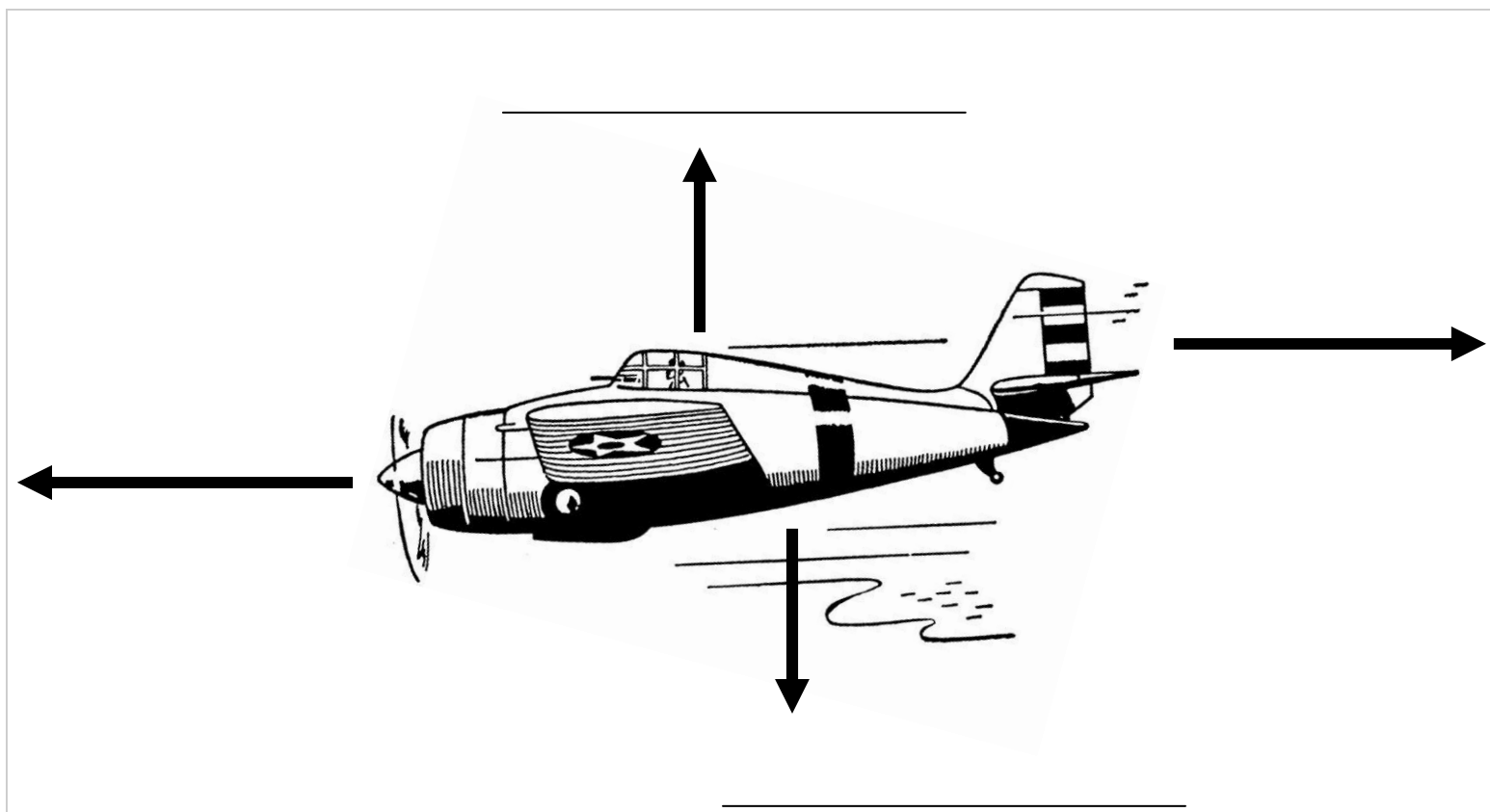
Sir George Cayley has been called the 'Father of Aerial Navigation'. He developed the first proper understanding of the principles of flight and constructed a series of models to prove his ideas. In 1853, the first man-carrying glider flight was made by Cayley's coachman.

who invented the
first man-
carrying glider?

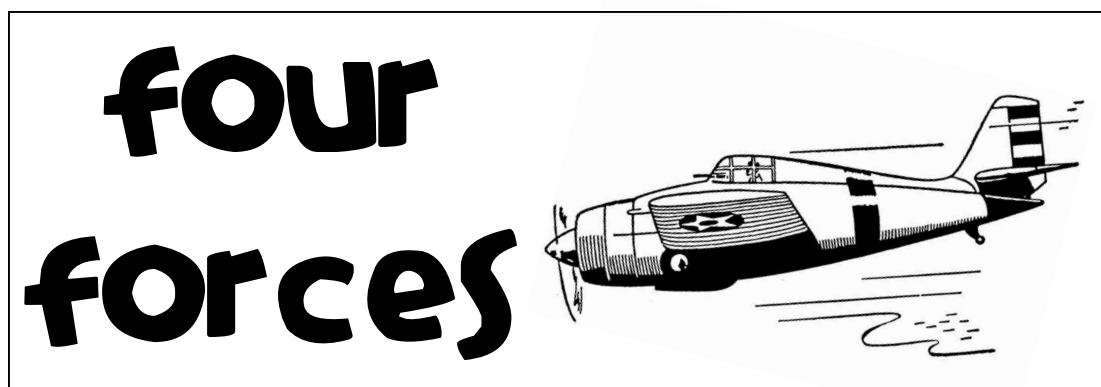


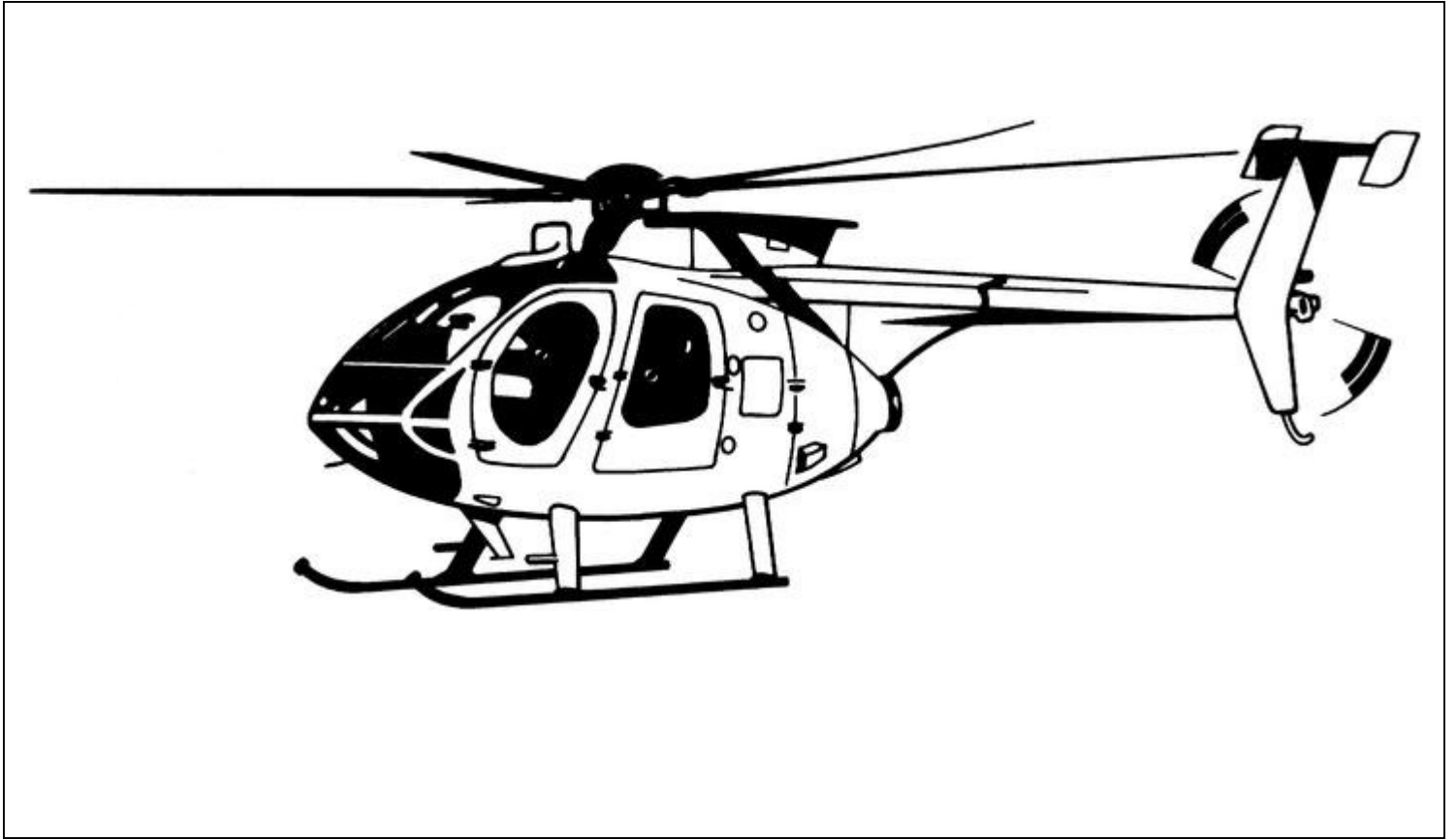
Cut book out as one piece. Tri-fold. Use the inside to record information about Lilienthal and his glider.



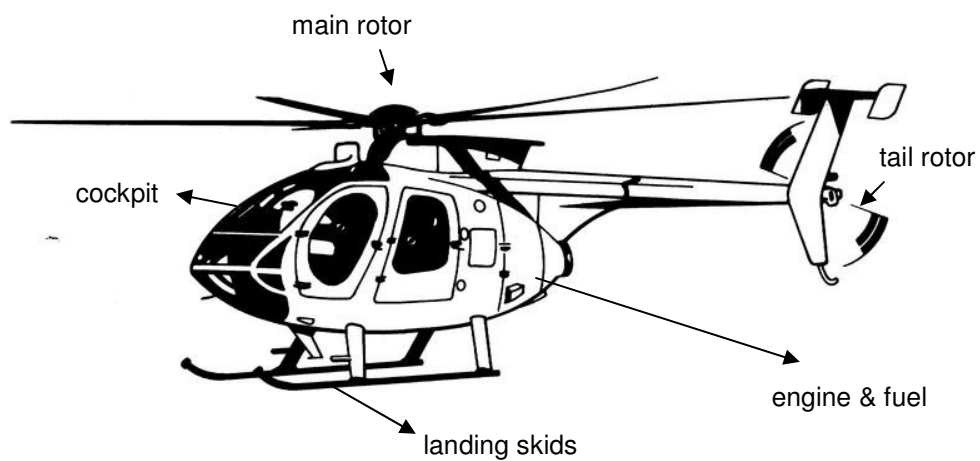


Fold a piece of colored paper in half. Cut out the diagram and the cover piece. Complete the diagram. Paste to the inside of the book. Paste the cover on the front of the book.

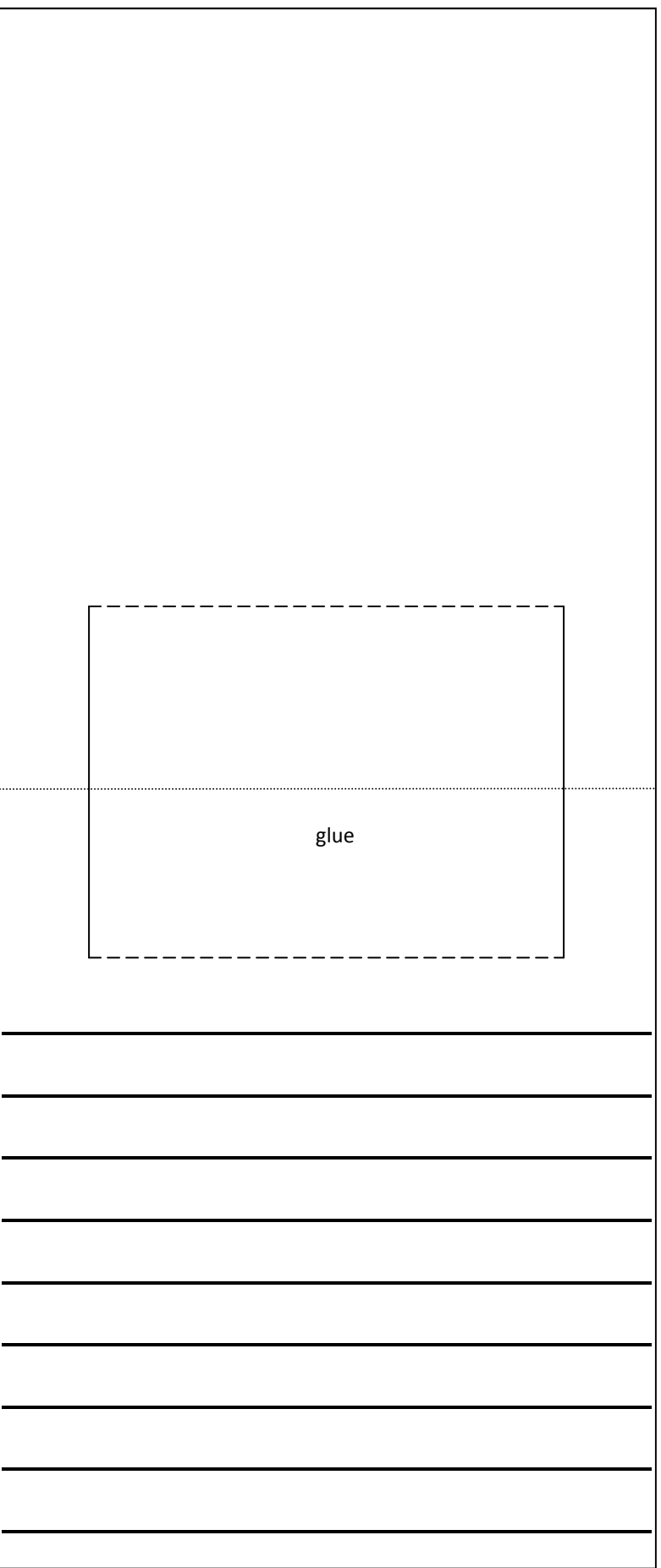




Label the helicopter according to the diagram below.
Use instructions on previous page to make a mini-book for your flight journal.



This is a pop-up book. First, print book on cardstock. Mountain fold the book in half on the dotted line. Snip the two solid lines. Fold that flap down towards you on the dotted line. Now, valley fold the book in half, on the dotted line, popping the box to the inside of the book. Cut out the small rectangle and paste or draw a picture on it. On the box marked "glue" glue the item you want to pop-up sitting level with the paper. Make sure it lies flat when closing the book.



Cover Page

Who was



BESSIE COLEMAN?



Paste or draw image here.
Should not exceed this size.

Cut out as one piece.
Fold in half. Let your
student write or dictate
to you what he has
learned about Louis
Bleriot.



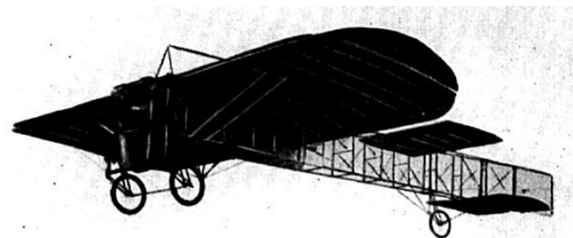
What I know
about Louis Bleriot



Cut out book below as one piece and fold in half. Cut out map. Have your student color/label France, England, and the English Channel. Paste into the minit book.

www.homeschoolshare.com

ACROSS THE ENGLISH CHANNEL



LOUIS BLERIOT'S MONOPLANE
FIRST AIRPLANE TO CROSS ENGLISH CHANNEL, JULY 25, 1909

Cut book out as one piece. Tri-fold. Use the inside to record information about Harriet Quimby. Use images of Ameila Earhart (3 total) to create a mini-book (or books) about her life & accomplishments.

