



11-12 YEARS | WEEK 63

Hobbies & Interests - Vehicles & Sticker Collection

1. Aeronautics - Basic terms

2. Aeronautics - Parts

3. Aeronautics - Forces at play

4. Aeronautics - Aeroplane craft

5. Aeronautics - Dream plane

6. Aeroplanes - Straw airplane

7. Aeroplanes - Air transport

8. Aeroplanes - Parts of an aeroplane

9. Aeroplanes - Word search

10. Aeroplanes - Word search

11. Sticker collection - My sticker sheet

12. Sticker collection - Sticker sorting

13. Sticker collection - My favourite sticker

14. Sticker collection - My stickers and me

15. Collecting cars - Car brands

16. Collecting cars - Car trivia

17. Collecting cars - Parts of a car

18. Collecting cars - Grid drawing

19. Collecting cars - Design a car

20. Stickers - My sticker collage

T: Aeronautics - Basic terms



Aeronautics is the science or art involved with the study, design, and manufacturing of aeroplanes. Basic words related to aeronautics are given below in scrambled form. Unscramble the words with help of keywords. Beginning of each word is given.

- | | | |
|---|------------|---------|
| 1 | NIGEEN | E _____ |
| 2 | GWNI | W _____ |
| 3 | AELIONR | A _____ |
| 4 | HRINLATOZO | H _____ |
| 5 | ETCLAVRI | V _____ |
| 6 | LONYP | P _____ |
| 7 | AFLP | F _____ |
| 8 | SLTSA | S _____ |



Keywords					
1	Wings	2	Slats	3	Aileron
4	Engine	5	Pylon	6	Flap
7	Horizontal	8	Vertical		

Answer Key: 1) Engine 2) Wing 3) Aileron 4) Horizontal 5) Vertical 6) Pylon 7) Flap 8) Slats

T: Aeronautics- Parts



Let us look at the basic components of an airplane and get a better understanding of their function through the following wordsearch activity. Find out words from the below grid with help of key words. Names can be horizontal, vertical, and diagonal.

a	l	r	e	u	e	a	t	s	n	s	e	v	a	l	y	d	e
q	w	e	r	t	y	u	i	s	p	a	s	f	g	h	j	c	l
h	e	k	h	o	u	v	a	n	j	o	u	g	c	v	r	h	a
u	n	e	s	u	n	b	n	m	z	w	e	z	y	t	e	o	n
b	v	n	x	a	s	r	o	d	s	t	a	i	l	d	v	r	d
r	t	g	i	o	p	q	e	a	i	d	f	g	n	j	i	e	i
e	r	i	y	g	f	r	g	t	j	k	d	a	y	l	t	s	n
l	g	n	m	e	n	t	c	n	s	e	a	a	l	y	r	n	g
i	o	e	c	l	e	i	n	s	e	n	a	b	l	y	e	d	g
g	e	f	t	v	v	g	s	r	e	a	n	a	s	e	s	l	e
h	i	w	h	u	n	t	e	i	b	o	y	i	u	m	s	w	a
t	e	a	g	i	p	v	e	o	e	r	t	c	h	j	a	u	r
k	m	a	w	i	i	o	u	z	m	t	v	o	o	u	y	n	e
i	i	r	l	t	g	h	l	i	w	s	b	c	i	a	r	v	v
f	d	s	i	r	t	h	l	u	f	t	i	k	p	s	e	r	i
c	d	s	u	j	k	l	v	r	k	d	r	p	l	a	y	r	n
m	a	t	s	u	i	o	r	e	w	o	p	i	e	g	i	l	e
p	g	f	u	s	e	l	a	g	e	a	z	t	i	l	b	j	m

Key words					
1	Fuse lage	2	Cockpit	3	Wings
4	Tail	5	Engine	6	Landing gear

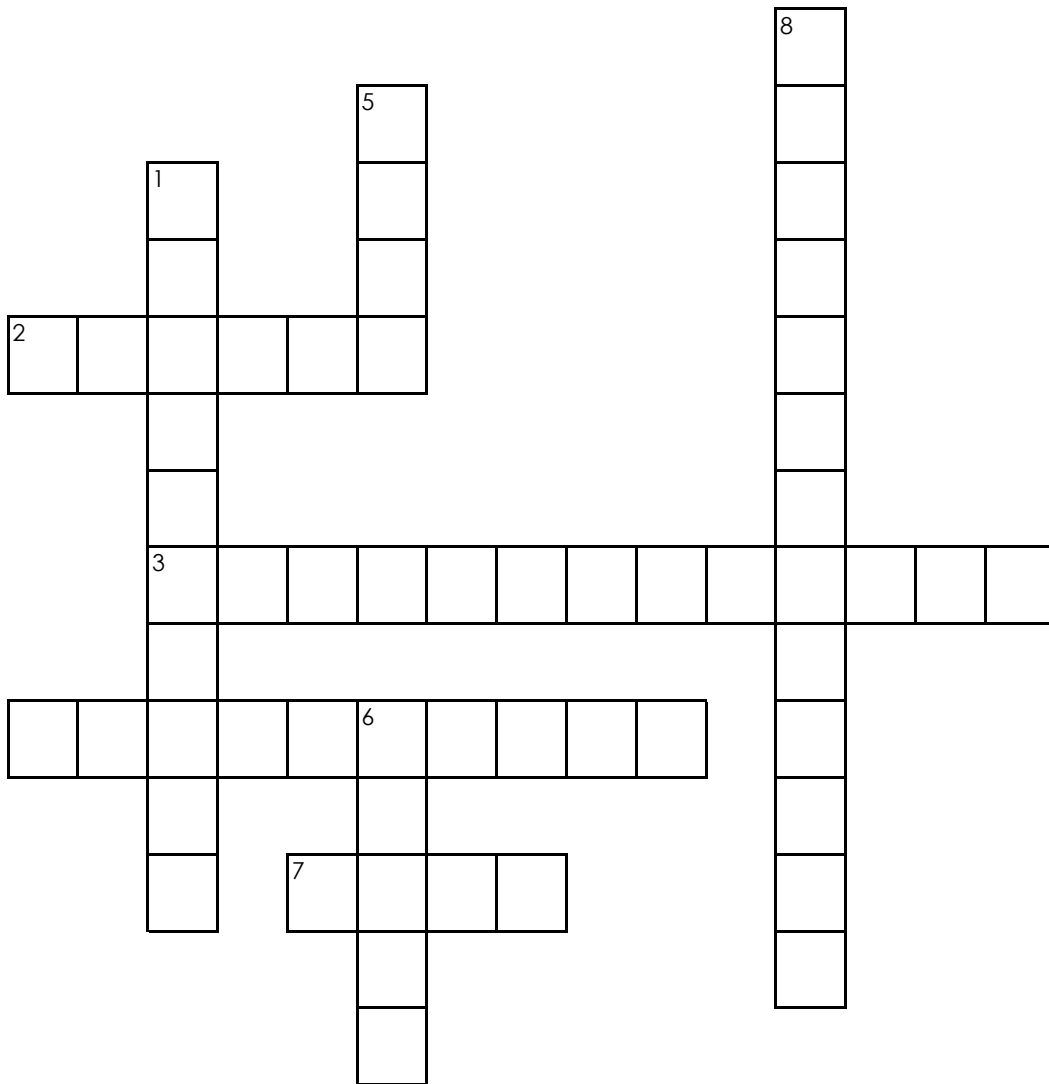
Answer Key: Fuselage , Cockpit , Wings ,Tail , Engine , Landing gear



T: Aeronautics - Forces at play



A force may be defined as a push or pull in a specific direction. A force has both a magnitude and a direction. There are some required forces applied while flying an aircraft. Let us solve the following crossword related to forces. Unscramble the words and write them in appropriate boxes.



Down

- 1 zntohriola
- 5 tfil
- 6 cfeor
- 8 Pnidlracurepe

Across

- 2 hutsrt
- 3 roeanaimcdy
- 4 glafiurtnce
- 7 ardg

Answer Key: 1) Horizontal 2) Thrust 3) Aerodynamic 4) Centrifugal 5) Lift 6) Force 7) Drag 8) Perpendicular



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