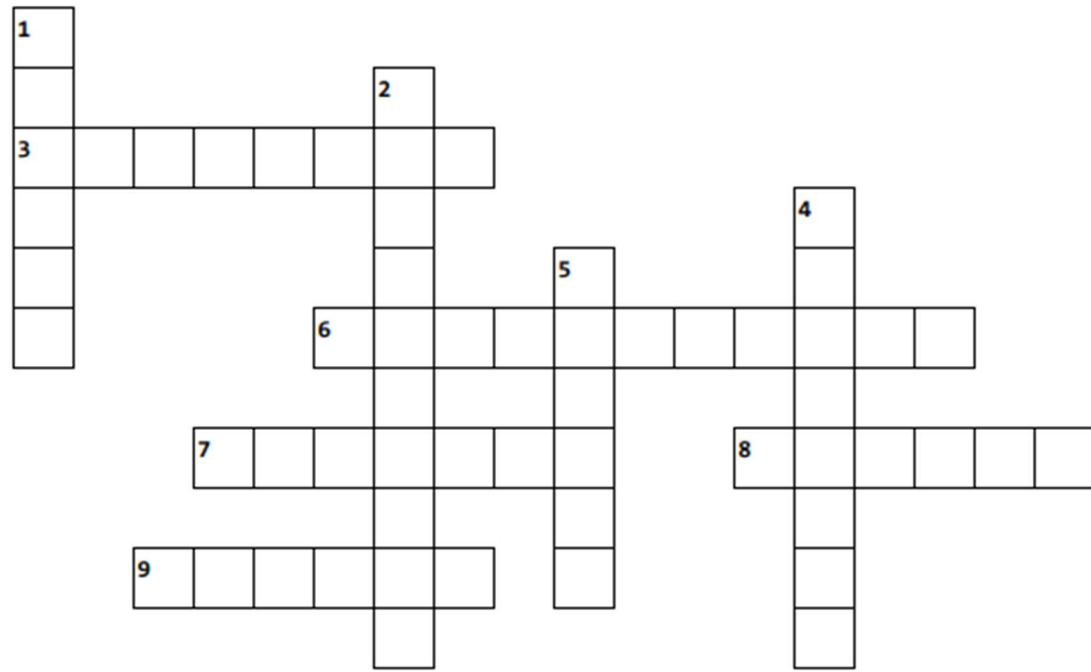


Crossword Puzzle



Across

3. The process of retrieving a rocket booster or capsule after landing for future reuse
6. The ability of a rocket or component to be used multiple times – a core Blue Origin principle
7. The cargo a rocket carries – could be satellites, experiments, or people
8. Powerful propulsion system at the base of a rocket (Blue Origin's BE-4 is one!)
9. The phase of flight when a rocket is climbing from the launch pad into space

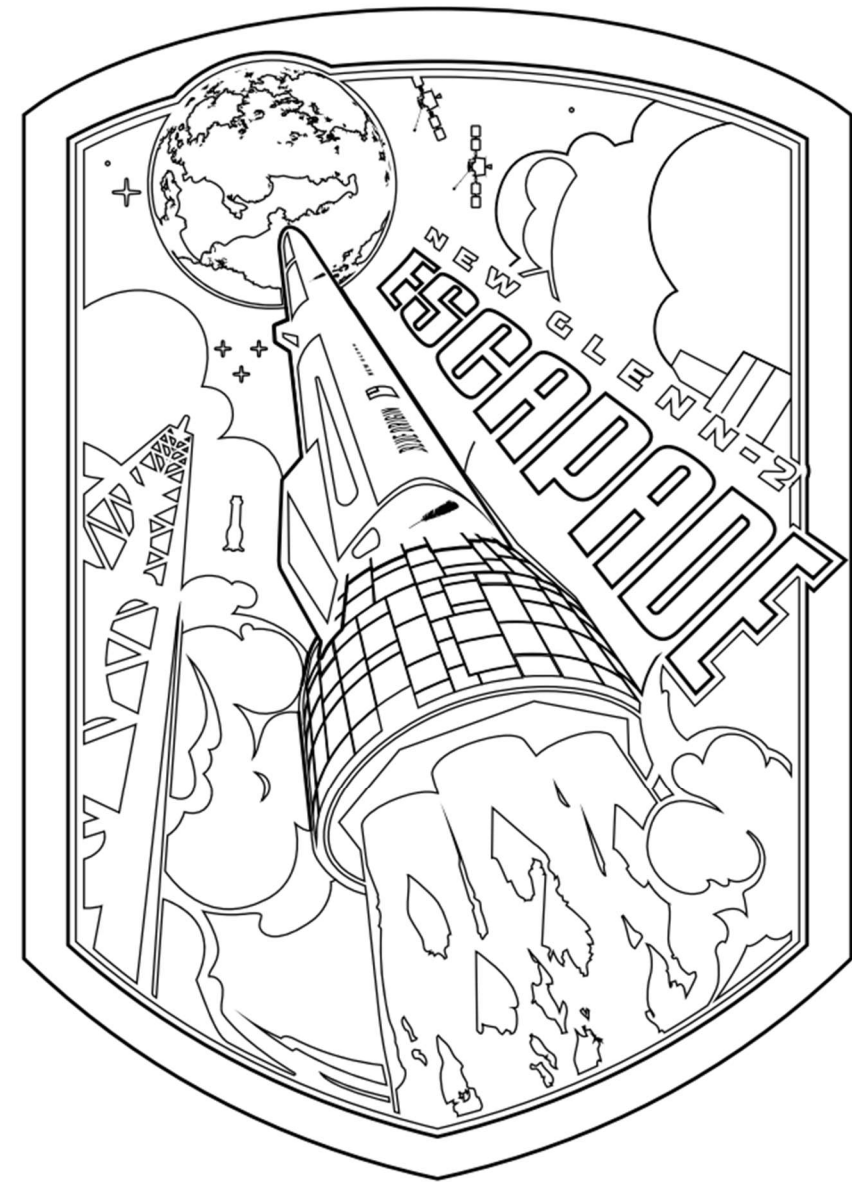
Down

1. The forward force produced by a rocket engine burning fuel
2. The substance (like liquid methane or hydrogen) burned to produce rocket thrust
4. The electronic systems (computers, sensors, navigation) used to control aircraft and spacecraft
5. A vehicle designed to touch down on the surface of a planet or moon

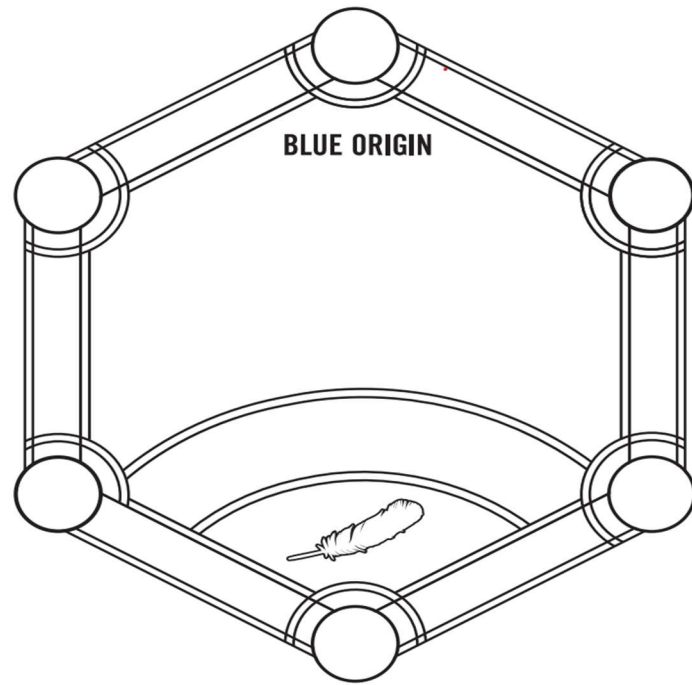
1. Thrust 2. Propellant 3. Recovery 4. Avionics 5. Lander 6. Reusability 7. Payload 8. Engine 9. Ascent



Blast Off! Blue Origin Activities for Future Astronauts



Design a Mission Patch



Word Search

S	C	E	I	N	T	I	S	T	M	P	L	A	N	E
T	R	O	C	K	E	T	B	T	M	I	F	U	E	L
E	N	G	I	N	E	R	L	A	L	P	T	A	R	
R	O	R	B	I	T	X	Q	E	U	R	C	O	M	E
A	E	N	G	E	N	E	Z	N	B	E	S	L	E	N
R	Y	W	B	O	U	E	K	C	L	A	U	N	C	H
D	M	H	F	P	A	R	D	H	P	L	A	N	E	T
C	O	M	E	T	S	T	U	R	S	M	O	R	N	X
F	O	E	M	E	N	G	I	N	E	R	O	C	C	K
H	N	D	F	T	S	S	C	I	E	N	T	I	S	T

Moon	Stars	Planet	Orbit	Comet	Rocket
Launch	Engine	Fuel	Engineer	Scientist	Blue



Space Career Word Scramble

SRUTANOAT A person who travels to space

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CHNCIATEIN Fixes machines and rockets

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REEWDL Joins metal pieces together with heat

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MRROMREPAG Writes code for computers

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

GRENDIES Makes the graphics for a company

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Decode the Message

Blue Origin's vision is millions of people living and working in space _____

$\begin{array}{r} \underline{\quad\quad\quad} \\ 68 \quad 72 \quad 427 \quad 84 \quad 179 \quad 8 \quad 410 \quad 8 \quad 56 \quad 8 \quad 68 \quad 6 \quad 84 \\ \underline{\quad\quad\quad} \\ 72 \quad 68 \quad 8 \quad 223 \quad 427 \quad 84 \quad 179 \end{array}$			
I $\begin{array}{r} 3 \\ \times 2 \\ \hline \end{array}$	H $\begin{array}{r} 142 \\ + 37 \\ \hline \end{array}$	B $\begin{array}{r} 632 \\ - 222 \\ \hline \end{array}$	A $\begin{array}{r} 118 \\ + 105 \\ \hline \end{array}$
R $\begin{array}{r} 583 \\ - 156 \\ \hline \end{array}$	E $\begin{array}{r} 4 \\ \times 2 \\ \hline \end{array}$	T $\begin{array}{r} 406 \\ - 322 \\ \hline \end{array}$	O $\begin{array}{r} 9 \\ \times 8 \\ \hline \end{array}$
F $\begin{array}{r} 809 \\ - 741 \\ \hline \end{array}$	N $\begin{array}{r} 8 \\ \times 7 \\ \hline \end{array}$		
For the benefit of Earth			

