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Spelling

Series



# Outer space (Extension)



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# Outer Space (Extension)

Answers ..... 1

# Series E – Answers - Outer Space (Extension)

## Outer Space (Extension)

### Unit 1

**Star syllables:** astronaut, circumstances, inhabitation, territory, imaginary

**Dictionary meanings:** see teacher

**Rule words:** asterisk - star shaped sign | astronomer - someone who studies stars | astrophysics - theory of living materials drifting in space | astrophobia - excessive fear of stars | astrology - science of celestial objects |

asteria - daughter of Coeus and Phoebe | astronomic - of enormous magnitude | astronaut - person who travels in space | astrobiology - study of life in space | asterion - ruler of the stars

**Cinquains:** see teacher

**Sphere words:** 1. atmosphere | 2. mesosphere | 3. ionosphere | 4. plasmasphere | 5. thermosphere | 6. magnetosphere | 7. stratosphere | 8. troposphere | 9. hemisphere | 10. ideosphere | 11. infosphere | 12. exosphere

**Silent letters:** manoeuvre, astronaut, write, knock, vacuum, knight, gnaw, sphere, clothing, through, tongue, gourmet, debris, wrestle, yacht, biscuit, sleigh, photograph, knowledge, Wednesday, laugh, hemisphere, asthma comb, dialogue, pneumonia, courage

**Space Alphabet:** **a** - atmosphere | **b** - binary stars | **c** - comet | **d** - diameter | **e** - earth | **f** - fixed stars | **g** - galaxy | **h** - hemisphere | **i** - intergalactic | **j** - Jupiter | **k** - Kirchhoff-Gustav | **l** - Libra | **m** - meteor | **n** - Neptune | **o** - orbit | **p** - planet | **q** - quadrant | **r** - radio telescope | **s** - sphere | **t** - telescope | **u** - universe | **v** - vacuum | **w** - white dwarfs | **x** - x-rays | **y** - Yantra observatory | **z** - zodiac

**Mnemonics:** see teacher

### Unit 2

**Similes:** fox, feather, mule, crystal, tortoise, peacock, bat, button, crow, mustard, punch.

**Abbreviations:** NASA - National Aeronautics and Space Administration | UFO - Unidentified Flying Object | YMCA - Young Men's Christian Association | RSPCA - Royal Society for the Prevention of Cruelty to Animals | RSVP - Reply Soon Please Respondez (S'il Vous Plait) | CSIRO - Commonwealth Scientific and Industrial Organisation

**Rule:** see teacher

**Decipher the code:** Help trapped by aliens on planet earth. (working in from both ends)

**Crack the codes:** The observatory discovered three auroras. Asphyxiation is caused by lack of oxygen.

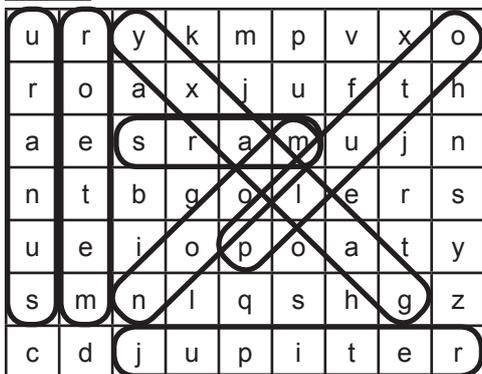
**Research:** First man in space - 1961 | First man on the moon - 1969

**Just for fun:** an, am, mum, man, mail, aluminium

**Solve the clues:** earth, Jupiter, stars, meteor, Neptune, Sputnik, constellation | **outer space**

**Interesting Facts:** What planet has a Great Red Spot? - Jupiter | What is another name for The Archer? - Sagittarius | Why do stars twinkle? - stars twinkle because when light has to pass through the earth's atmosphere the air movement makes the light from the stars twinkle.

**Find the meaning:** A cluster of stars - galaxy | The red planet - Mars | A shooting star - meteor | Earth's natural satellite - moon | Planet furthest from sun - Jupiter | Another name for a Martian - Pluto | 7th planet - Uranus



**Table information:** Jupiter - 48 moons, 778330kms, Zeus, King of the gods, 5th from the sun | Mars - 2 moons, 227940kms, Ares, God of War, 4th from sun | Uranus - 27 moons, 2870990kms, Ouranos, God of heavens, 7th from sun | Venus - No moons, 108200kms, Aphrodite, God of Love, 2nd from sun | Neptune - 9 or more moons, 4497070kms, Poseidon, God of the Sea, 8th from sun | Pluto - 1 or more moons, 5913520kms, Hades, God of underworld, 9th from sun | Saturn - 35 moons, 1426940kms, Cronus, God of agriculture, 6th from sun | Mercury - No moons, 57910kms, Hermes, God of commerce, 1st from sun

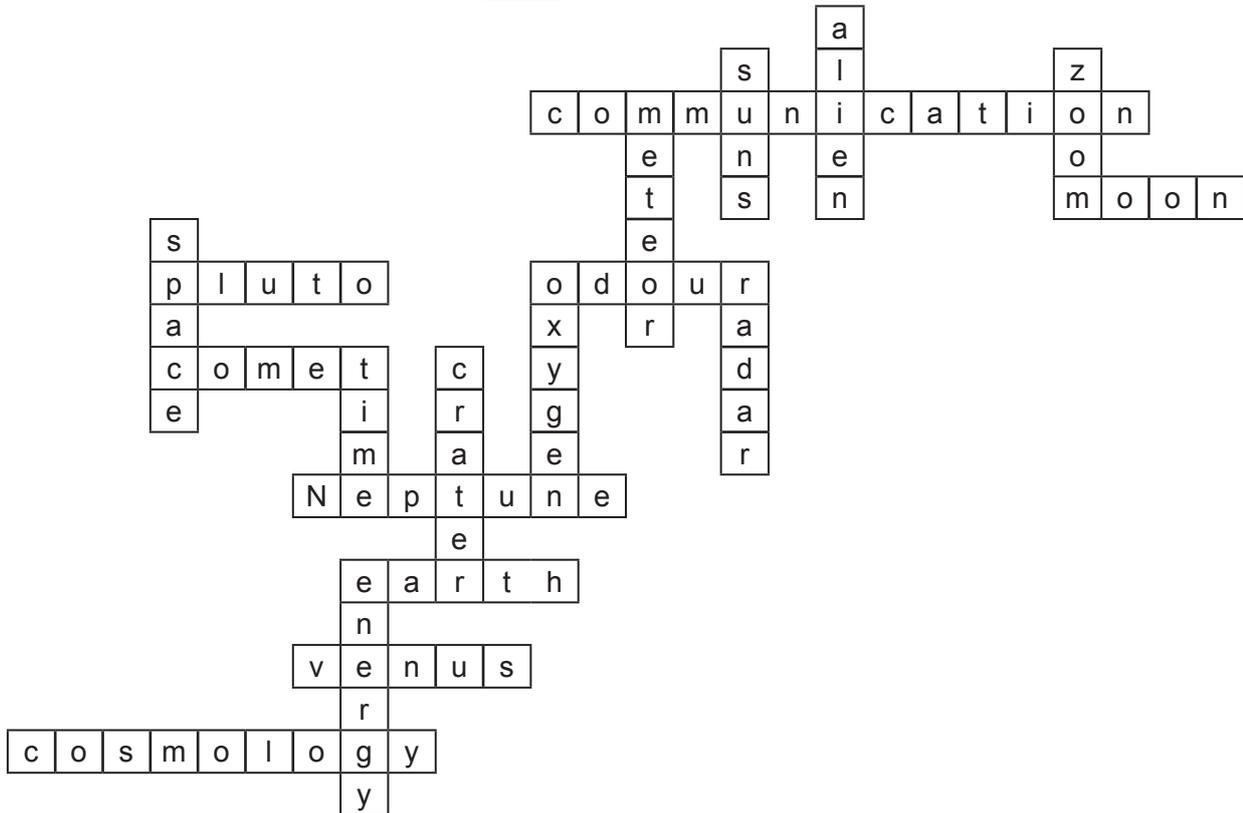
### Unit 3

**Unjumble:** vacuum, meteoroids, Aquarius, Einstein

**Dictionary meanings:** see the teacher

**Animals in space:** Dog, 1957 Named Laika from Russia in Sputnik

**Crate Quiz:** The word that does not fit - Saturn



**Rule words:** When you don't support an argument - disagreeing | Ensuring a product - guaranteeing | Controlling sporting events - refereeing | Leaving a country - fleeing | Using your eyes - seeing | To let live a natural life - freeing | First hit in golf - teeing | To mix very thoroughly - pureeing

**Proofreading:** dehydrated, luminosity, perpetual, inquisitive, maintenance, communication, Einstein, catastrophe

**Research:** see teacher

**Puzzles:** 9 P in the SS - 9 planets in the Solar System | 90 D in a RA - 90 degrees in a right angle | 8 T on an O - 8 tentacles on an octopus | 12 S of the Z - 12 signs of the zodiac | 1 S in our SS - 1 sun in our solar system | 11 P in a CT - 11 players in a cricket team | 100 Y in a C - 100 years in a century

**Descriptive words:** snotties - a mucus like formations which ooze sulphuric acid, found in caves and outer space | Supernova - violent explosion at the end of the life of a star | Extremophiles - type of bacteria found in outer space | Astrobiologists - scientist who study, look for life on other planets | Luminosity - energy radiated from a star every second

**Collective Nouns:** A bas of crocodiles | A kn of toads | A gan of turkeys | A convey of quails | A brace of ducks | A murder of crows | A stand of flamingos

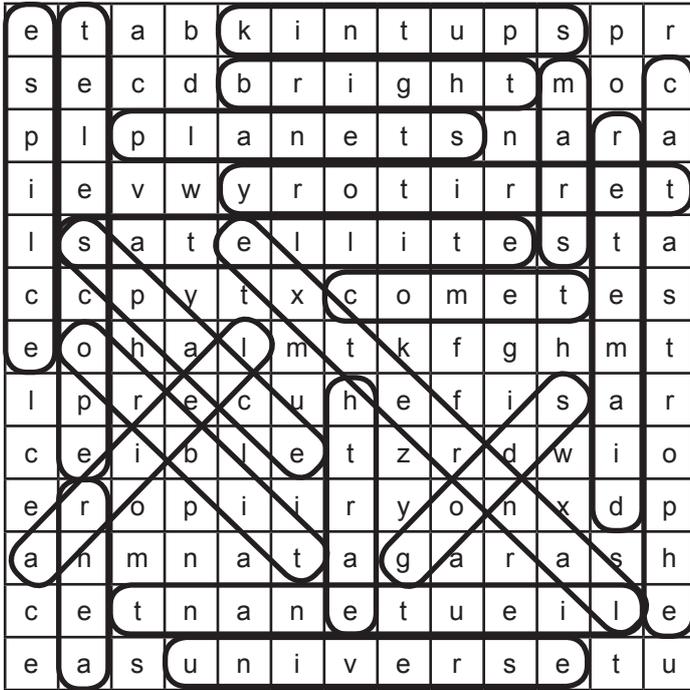
### Unit 4

**Missing Vowels:** universe, existence, observation, creatures, explorer, temperature, manoeuvre, experience, discovery, enormous, interference

**Hidden Animals:** seal (se al), camel (came l), goat (go at), oyster (oy ster), deer (de er), hen (he n), lion (li on), horse (h or se), cat ( c at)



Word search:



**Rule:** 1. aerosol | 2. aerodrome | 3. aerobatics | 4. aerobiology | 5. aerobioscope | 6. aeroacoustics | 7. aeroallergen | 8. aeronautics | 9. aerochory | 10. aerobics