

WORD SEARCHES

Found throughout the
Deep Space Diary

Chapter Two: discoverydiaries.org/activities/chapter-two-word-search/

Chapter Three: discoverydiaries.org/activities/chapter-three-word-search/

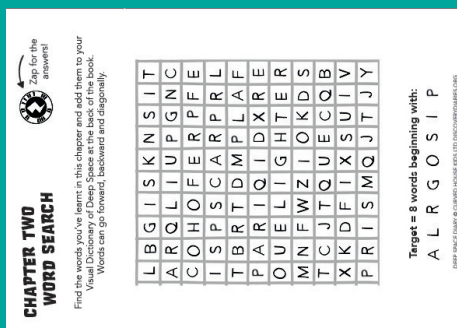
Chapter Four: discoverydiaries.org/activities/chapter-four-word-search/

Chapter Five: discoverydiaries.org/activities/chapter-five-word-search/

LEARNING LEVEL

KS2, P5-7, Y4-6

discoverydiaries.org/resources/teacher-toolkit/



Learning Objective

To develop scientific vocabulary.

Resources Required

- Smartphone/device or computer to access Zap code (optional)

Background to this Activity

Word searches are a fun way to extend your students' vocabularies. Students can add the words they find to their Visual Dictionary of Deep Space: discoverydiaries.org/activities/visual-dictionary-of-deep-space/

Running the Activity

The word searches provide an opportunity to review and discuss what has been covered in each chapter. As students work through the chapters, remind them to write key words in their Visual Dictionary of Deep Space (see Activity 6.2: discoverydiaries.org/activities/visual-dictionary-of-deep-space/) to help create a word bank.

For each word search, look at the starting letters noted below the word search grid. As a class or in student pairs, discuss what some of the words might be. Ask students if they can identify any of those words.

Subsequent word searches can be tackled more independently once students understand the format.

Solutions to this Activity

Word Search Chapter 2: Light, Prism, Reflect, Spectrum, Infrared, Optical, Gradient, Absorb

Word Search Chapter 3: Discovery, Construct, Experiment, Structure, Mirror, Method, Engineer, Payload

Word Search Chapter 4: Program, Commands, Deploy, Encryption, Calibrate, Instrument, Decode, Sequence

Word Search Chapter 5: Astronomer, Spiral galaxy,

Protostar, Data, Infographic, Celestial, Planet, Atmospheric

For definitions, see the Deep Space Glossary: discoverydiaries.org/toolkit/deep-space-glossary/

Additional Challenges / Extension Activities

Ask students to make their own deep space-themed word searches. Download and print our blank word search template to use with your class: discoverydiaries.org/toolkit/word-search-template/

Ideas for Differentiation

Support:

- Work as a class or in groups to find definitions, assigning words to students.
- Work as a class or in groups to create a song using vocabulary from the chapter.
- Provide hidden words to students.

Challenge:

- Once students have completed the word searches, ask them to develop their own using their dictionaries. They can then test a classmate with their word search. Differentiate by giving clues as the whole word, the first letter or a clue/definition of the word.

Useful Links

Deep Space Glossary: discoverydiaries.org/toolkit/word-search-template/

ZAP! Students can independently access multimedia resources using the Zappar mobile/tablet app. See Zappar instructions at the link below and note that the mobile/tablet will need to be on a WIFI connection: discoverydiaries.org/toolkit/discovery-diaries-zappar-instructions/

James Webb Space Telescope DEEP SPACE DIARY

WORD SEARCHES

Found throughout the
Deep Space Diary

Chapter Two: [https://
discoverydiaries.org/activities/
deep-space-diary-word-search-2/](https://discoverydiaries.org/activities/deep-space-diary-word-search-2/)
Chapter Three: [https://
discoverydiaries.org/activities/
deep-space-diary-word-search-3/](https://discoverydiaries.org/activities/deep-space-diary-word-search-3/)
Chapter Four: [https://
discoverydiaries.org/activities/
deep-space-diary-word-search-4/](https://discoverydiaries.org/activities/deep-space-diary-word-search-4/)
Chapter Five: [https://
discoverydiaries.org/activities/
deep-space-diary-word-search-5/](https://discoverydiaries.org/activities/deep-space-diary-word-search-5/)

LEARNING LEVEL

KS2, P5-7, Y4-6

[discoverydiaries.org/resources/
teacher-toolkit/](https://discoverydiaries.org/resources/teacher-toolkit/)

If you don't have access to the internet in the classroom,
all Zap code content is available to download on the
activity's web page (see link to the left) as a PowerPoint
presentation or as bundles of images.



**GET ZAPPAR
ZAP THE CODE**

Download on the
App Store

GET IT ON
Google play

Find more great space-themed STEM resources at
<https://www.stem.org.uk/esero>

CHAPTER TWO WORD SEARCH



Find the words you've learnt in this chapter and add them to your
Vocabulary list. You can find the words in the word search.
Words can go forward, backward and diagonally.

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

Target = 8 words beginning with:
A L R G O S I P

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