

# Your Mission MARS DIARY

## BONUS ACTIVITIES WORD SEARCHES

There are five word searches throughout the Mission Mars Diary

[marsdiary.org/activities/wordsearch-1](http://marsdiary.org/activities/wordsearch-1)

[marsdiary.org/activities/wordsearch-2](http://marsdiary.org/activities/wordsearch-2)

[marsdiary.org/activities/wordsearch-3](http://marsdiary.org/activities/wordsearch-3)

[marsdiary.org/activities/wordsearch-4](http://marsdiary.org/activities/wordsearch-4)

[marsdiary.org/activities/wordsearch-5](http://marsdiary.org/activities/wordsearch-5)

## LEARNING LEVEL

KS2, P5-7, Y4-6

## Resources Required

- Smartphone or device for Zap code (optional – see Useful Links)

## Background to this Activity

Word searches are a fun way to extend your students' vocabularies. Students can add the words they find to their Space Glossary at the end of the Mars Diary.

## Running the Activity

The word searches provide an opportunity to review and discuss what has been covered so far. As children work through the chapters remind them to write key words in the glossary (see Activity 6.3: No. 1 Space Glossary) to help create a bank of words.

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

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

## Solution to the Activity

*Word search 1:* Alien, Astronaut, Atmosphere, Earth, Gravity, Mars, Orbiter, Rover

*Word search 2:* Crew, Emergency, Fuel, Mercury, Propulsion, Recruit, Safety, Vehicle, Venus

*Word search 3:* Drill, Fossil, Humidity, Pivot, Solar, Spacecraft, Temperature, Volcano, Wind

*Word search 4:* Experiment, Gear, Invent, Lever, Mechanics, Methane, Method, Mountain, Pulley, Sharp

*Word search 5:* Energy, Nuclear, Radiation, Resources, Satellite, Sustainable, Turbine, Utopia

## Additional Challenges / Extension Activities

Ask students to make their own Mars-themed word searches. This could be done by providing them with

a template or by using an online word search tool like [http://puzzlemaker.discoveryeducation.com/WordSearchSetupForm.asp?campaign=flyout\\_teachers\\_puzzle\\_wordcross](http://puzzlemaker.discoveryeducation.com/WordSearchSetupForm.asp?campaign=flyout_teachers_puzzle_wordcross)

## Ideas for Differentiation

*Lower:*

- Work as a class or in groups to find definitions, assigning words to children.
- Work as a class or in groups to create a song.

*Upper:*

- Once children have completed the word searches, develop their own using their glossaries to create a large word search to test a friend. Differentiate themselves by choosing to give the whole word, the first letter or a clue.

## Useful Links

Zappar Content: Download or view the Zappar content for this activity on its webpage (URL to the left) or access it via the Zap.

**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: [marsdiary.org/resources/#teacher-toolkit](http://marsdiary.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.



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