

Lecture Listening Comprehension EXAMPLE

Aim: To develop the students' ability to listen to a long lecture, to take notes, use those notes to answer a number of comprehension questions and then reflect on the lecture critically.

Lesson Time: Approximately 2:00 hours

Lead in

- Ask Students to read the 'title' & predict the content of the lecture.
- Ask students to write down key terms & language from the discussion.
- Feed in / check key vocabulary.

Differentiation

Challenging

1. Students listen once & take notes (*Use the blank note-taking pages*).
2. Give 5 minutes to tidy notes.
3. Listen again & add to notes (use a different colour pen).
4. Distribute questions. Set 30 minutes to answer using their notes.
5. Feedback: Distribute or project **ANSWERS**.

Medium

1. Students listen once & take notes (*Use the blank note-taking pages*).
2. Distribute questions. Set 20 minutes to answer using their notes.
3. Listen again. Students answer the missed questions as they listen.
4. Give an extra 10 minutes to consolidate answers.
5. Feedback: Distribute or project **ANSWERS**.

Easier

1. Distribute questions. Students have 15 minutes to read the questions.
2. Students listen & answer the questions.
3. Give 10 minutes to tidy answers.
4. Students listen again. Check answers & answer missed questions.
5. Give 10-15 minutes to tidy answers.
6. Feedback: Distribute or project **ANSWERS**.

Critical thinking questions

Option 1: Students individually reflect on the questions, make notes of their responses and write a short critical response paragraph to submit for teacher or peer feedback.

Option 2: Students ask and answer the questions in small groups.

Full URL Link:

Video: <http://www.youtube.com/watch?v=meTsy1ktQIY>

How do we search for life on other worlds? **EXAMPLE**

[Listening Comprehension Questions]

Author: Dr C. McKay

Organisation: NASA

Department: Science - *Astrobiology the search for life in the solar system*

Date: May 2007

Time: 53:11

Level: **** * [C1]

Link: <http://www.youtube.com/watch?v=meTsy1ktQIY>

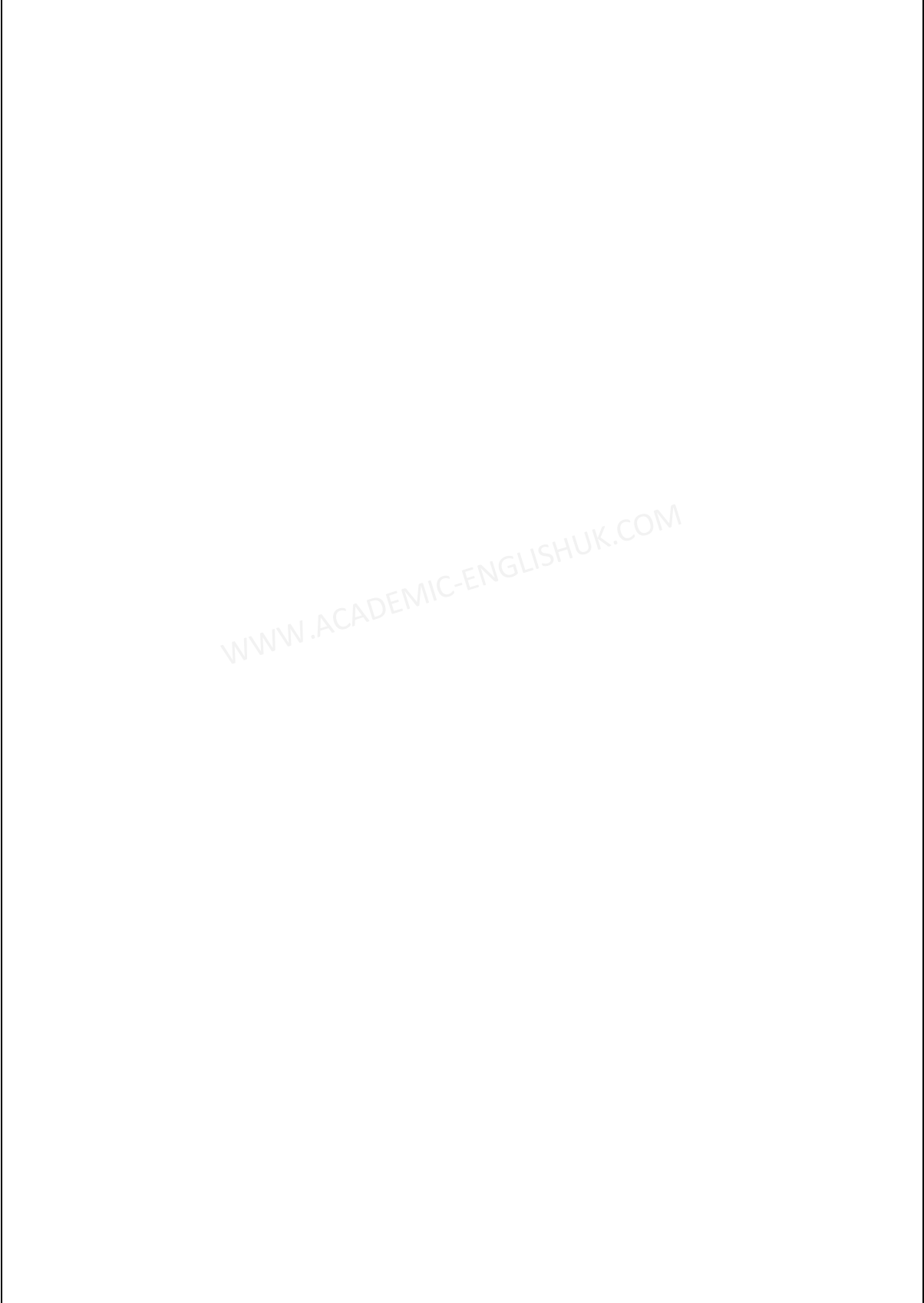
Check these words before listening:

Key vocabulary

1. Solar system
2. Synthetic biology
3. [REDACTED]
4. Preserved
5. [REDACTED]
6. Pressure
7. [REDACTED]
8. Organism
9. Orbit
10. [REDACTED]
11. Geological/geologists
12. [REDACTED]
13. Habitable
14. [REDACTED]
15. Erosion
16. [REDACTED]
17. Antarctica
18. Glaciers
19. [REDACTED]
20. Photosynthesis
21. Fossils
22. [REDACTED]
23. Corpse
24. Permafrost
25. [REDACTED]
26. Crater
27. [REDACTED]
28. Icebergs

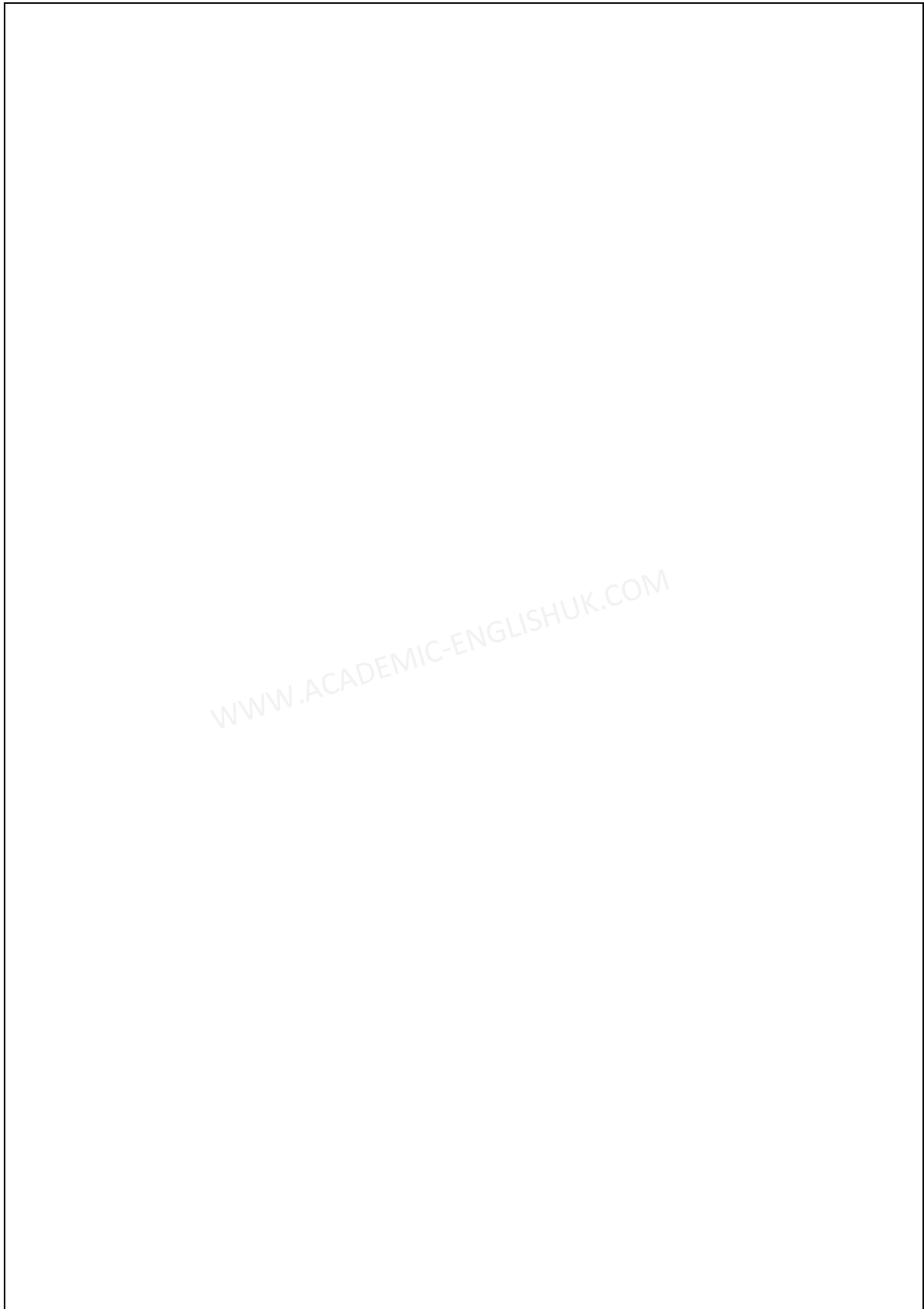
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Note-taking Page (Blank) Page 1 EXAMPLE



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Note-taking Page (Blank) Page 2 EXAMPLE



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How do we search for life on other worlds? **EXAMPLE**

[<http://www.youtube.com/watch?v=meTsy1ktQIY>]

Use your notes to answer the following questions.

1. What **TWO** reasons does he give for why the search for life is interesting?
 - i.
 - ii.

2. What is he trying to show [redacted] and apples?

3. What **THREE** examples [redacted] can get a 2nd genesis of life?
 - i.
 - ii.
 - iii.

4. What is the outline of the talk?
 - i.
 - ii.

5. What are the **THREE** reasons [redacted] in the search of life?
 - i.
 - ii.
 - iii.

6. How does the pressure [redacted] are the implications?
 - i.
 - ii.

7. What are the **FIVE** current missions to Mars?
 - i.
 - ii.
 - iii.
 - iv.
 - v.

8. What does the picture of 'Nanedi' show?

9. What **THREE** pieces of [redacted] on Mars?
 - i.
 - ii.
 - iii.

10. What FOUR points [redacted] Earth now?

- i.
- ii.
- iii.
- iv.

11. What is important about the Gusey Crater and the connection to Earth?

12. Why is [redacted] Mars?

13. Explain how Mars and Earth are not biologically isolated?

14. How will NASA [redacted] ?

15. Where [redacted] forensic evidence?

16. What are the THREE pieces [redacted] water?

- i.
- ii.
- iii.

17. Explain how [redacted] samples?

18. Where is 'Enceladus'? What [redacted] ?

- i.
- ii.

19. What do the [redacted] the samples?

- i.
- ii.
- iii.

20. Summary.

Critical thinking: *Do you agree with everything that was said? What [redacted] some of these ideas? Can [redacted] on photos and pictures? What are the advantages of finding evidence of biological life on other planets? Isn't it [redacted] planets [redacted] them? Micro-organisms are important, but surely what we are really searching for is intelligent life forms? What about [redacted] for the billions of [redacted] placed into more environmental ways of conserving life on Earth? Anything else?*

How do we search for life.... ANSWERS

1. What TWO reasons does he give for why the search for life is interesting?

- i. Discovering a 2nd Genesis of life will allow us to do comparative biochemistry - to compare and contrast our life with another type of life.
- ii. To know that life has common characteristics throughout the universe not just on Earth.

2. What is he trying to show through comparing oranges and apples?

To emphasize that the search for another origin of life is like doing a study on fruit but only having oranges. It would be nice to have apples and other fruit for a more elaborate study.

3. What THREE examples are given for where we can get a 2nd genesis of life?

- i. Make in a laboratory (synthetic biology).
- ii. Find on Mars or...

ALL ANSWERS INCLUDED IN PAID VERSION...