

1 WORD POWER**1 WORD POWER A1, A2** **Answers**

1 c 2 b 3 e 4 a 5 d

2 (Sample answers) **As you are probably aware**, magnetic levitation trains can greatly improve the flow of traffic in cities. **As a matter of fact**, bionics might lead to technology that would allow paralysed people to walk. **The simple fact is that** hydrogen fuel cells might be the answer to global warming.

1 WORD POWER B, C **Sample answers**

B 1 Consequently, this means that we could cure many types of spinal injuries.

2 It follows logically then that we should be careful about how much of it we eat.

3 From here, we can conclude that we should train more people as engineers than scientists.

C 1 The project for mapping the human genome promises many great benefits from genetically customised drugs to identifying the genes responsible for different diseases.

2 This is the classic debate in psychology. What is the greatest influence: our parents and the way they raise us or the genes passed onto us by our parents? The 1990 Minnesota Study on Twins Reared Apart (Science. Bouchard et al) found little difference between identical twins brought up together and brought up apart in terms of temperament, career and leisure interests and social attitudes.

2 READING**2 READING A** **Answers**

1 both 2 spider-goat
3 HAL 3 4 spider-goat

4 WATCH AND LISTEN

DVD

4 WATCH AND LISTEN B, C **Answers**

B Satellites can run out of energy or fall out of orbit. Fuel tanks are explosive and don't always fall back to Earth. Astronauts could easily be killed in space by this debris, and can create it if they are not careful.

C 1 9,500 **2** almost 200 **3** hit by a sphere 1.2 cm in diameter, caused a lot of damage

WORKBOOK: 1 WORD POWER**1 WORD POWER** **Answers**

1 It follows logically then that... (e)
2 Consequently, this means that... (c)
3 From here we can conclude that... (a)
4 Clearly then, this indicates that... (b)
5 It follows logically then that... (d)

3 SPEAKING STRATEGIES: Key words**3 SPEAKING STRATEGIES** **Sample answers**

1 The initial experiment. **2** What went wrong.
3 The research continues. **4** 300 scientific papers.
5 Evidence of nuclear reactions. **6** Problems remain.

4 IDIOMS**4 IDIOMS** **Answers**

1 c 2 a 3 d 4 e 5 b

1 to break new ground = to do something other people have not done before **2** to pick your brains = to get information from someone and use it to your own advantage **3** to hit the headlines = to be in the news (literally on the front page of the newspapers) **4** to loom large on the horizon = to appear imminent, likely **5** to be a cornerstone = to be the basis of, be an essential part of