

LESSON 5 KEY

3. Listening - Dictation

Earth's crust		Sea Water		Whole Earth	
Element	%	Element	%	Element	%
oxygen	49.9	Oxygen	91	Iron	40-50
silicon	25.8	Hydrogen	5.7	Oxygen	22-28
Aluminium	7.5	Chlorine	2	Silicon	11-15
Iron	4.7	Sodium	1	Magnesium	9
Calcium	3.4	Magnesium	0.1	Nickel	3-6
Sodium	2.6	Sulfur	0.08	Calcium	1-2
Potassium	2.4	Calcium	0.04	Aluminium	1-2
Magnesium	2.0	Potassium	0.04		
Hydrogen	0.9	Bromine	0.01		
Titanium	0.5	Carbon	0.003		

Article: **THE WONDER METALS**

5. iron, aluminium, magnesium

6.

1. What is the chemical substance called fool's gold? **Iron pyrite**
2. What are the most common alloys formed with iron? **Steel, stainless steel, and cast iron**
3. What is the advantage of aluminium over iron? **It does not corrode so easily and is lighter**
4. Where does magnesium occur? **In sea water**
5. Which elements react violently in water? **Sodium, potassium, calcium**

7. Listen to these statements about three metals: iron, aluminium and lead. Complete the chart.<sup>2</sup>

	IRON	ALUMINIUM	LEAD
Density	high	low	High
Does it corrode?	easily	no	no
Is it easy to extract?	yes	no	yes

8. a-2, b-2, c-1, d-2, e-1, f-1, g-1, h-2

9. chromium – platinum- copper-gold-zinc-sodium-mercury

## Grammar revision

- a) 2. It takes longer to travel by train than by car.
  - 3. I ran more kilometres than Dave.
  - 4. Joe did worse in the exam than Chris
  
- b) ugly-uglier-the ugliest  
destructive- more destructive- the most destructive  
unpleasant- more unpleasant- the most unpleasant  
far- farther/further- the farthest/furthest
  
- c) 2. I need something much bigger.
  - 3. I'm afraid the problem is much more complicated than it seems.
  - 4. You looked depressed this morning but you look a bit happier now.
  - 5. It was far more interesting than I expected.
  
- d) 2. My salary isn't as high as yours.
  - 3. You don't know as much about cars as I do.
  - 4. It isn't as cold today as it was yesterday.
  
- e) 2. Your hair is the same colour as mine.
  - 3. I arrived at the same time as you.
  - 4. My birthday is the same day as yours.
  
- f) 2. I know more than him.
  - 3. Most people work as hard as me.
  - 4. Nobody was more surprised than us.
  - 5. I'm a better player than her.