**Unit Two Lesson One and Two**

**Pages 14+ 15**

**Exc. 1: In this exercise you need to do a homework on the advantages and disadvantages or recycling.**

**(Keep the homework ready till I ask you to submit it)**

**In the box, you have word collocations which you need to know.**

Break up a ship: take it into pieces.

Demolish a building: to bring down with explosives or the crane and ball

Recycling electronics

Scrapping cars: to get rid of the car and use its parts for other cars

**Exc. 2.B.: In this exercise you have a number of materials and you need to learn the characteristics of these materials.**

1. stainless steel (c)

2. zinc (a)

3. iron (b)

4. bronze (f)

5. lead (d)

6. hardwood (h)

7. ore (e)

8. softwood (g)

**Vocabulary items:**

Brass: a metal made from cooper and zinc

Galvanized: covered with a layer of zinc to protect it

Coating: a layer that covers

Predominant: in larger numbers or amounts than others

Poisonous: toxic

Extract: remove or take out

Alloy: a metal made by mixing two or more metals

Timber: trees that are grown to use their wood in building

Deciduous tree: a tree that loses its leaves in autumn.

**Exc. 2.C.: In this exercise you need to learn verb+ preposition collocations**

1. amounts of 2. Coated with 3. Derived from

4. recovered from 5. Mixed with 6. Quantities of

7. traces of 8. Extracted from

**Exc. 3. A. B. C.: (audio scripts 2.1 and 2.2)**

**In this exercise, you will read about the environmental audit.**

**First, what is an environmental audit?**

It is to test or assess the effects of a certain material on the environment.

**Second, what are the stages of an environmental audit?**

1. Pre-use stage (mining, transporting, manufacturing as galvanizing, cutting and welding)

2. In-use stage (performance, durability, energy efficiency and emissions)

3. Post- use stage (recycling)

**Vocabulary items for audio script 2.1:**

Assess: to make a decision on something's quality or suitability

Impact (verb): affect

Impact (noun): effect

Judge: make a decision

Ecological: related to the environment

Consume: use

Acquire: get or buy something

**Vocabulary items for audio script 2.2:**

Versus: against

Electrolysis: the use of an electrical current to cause a chemical change to a liquid

Presume: suppose

Batch: a group of things together

Bulk: something that is very large

Bulky: huge