

## Lesson 4. METALS

### Tuning in

#### 1. Answer the questions.

1. Where can welders work?
2. What sphere of work would you choose? Why?
3. What metals do you know?
4. What countries can you name in English?

### **A** Vocabulary

#### 2. Guess what these words and phrases mean.

Aluminium — ? Bronze — ? Exporter — ? Mineral resources — ? Nickel — ?  
Reserve — ? Uranium — ? Zinc — ?

#### Note!

mixture

(сущ.) смесь, состав

#### 3. Learn the new words.

brass	(сущ.) латунь
copper	(сущ.) медь
gold	(сущ.) золото
iron	(сущ.) железо
lead	(сущ.) свинец

ore	(сущ.) руда
possess	(гл.) обладать, владеть
precious	(прил.) драгоценный (металл, камень)
silver	(сущ.) серебро
steel	(сущ.) сталь
tin	(сущ.) жесть

**4. Find the 8 new words in the word puzzle.**

t	i	r	o	n	s	b
i	z	i	n	c	i	r
n	f	k	g	o	l	d
l	e	a	d	r	v	e
m	v	s	t	e	e	l
c	o	p	p	e	r	b

**5. Match the words in the columns to make phrases.**

iron	metals
precious	ore
mineral	reserves
possess	resources



## Reading

### 6. Read and translate the text.

Mineral reserves are very important for the economy of the countries possessing these minerals.

Many wars and colonizations happened because of precious metals.

Australia is the continent which has the world's biggest reserves of uranium.

Canada is the largest exporter of uranium ore. Mexico is the largest silver exporter in the world.

One of the most common elements found on earth is iron. The five largest producers of iron ore are China, Brazil, Australia, Russia and India. These five countries have about 70 per cent of the world's iron ore production.

Canada, the United States and Western Australia are also major mining countries for gold. The world's oceans have big reserves of gold.

Copper ore is found in Chile, Mexico, the United States, Indonesia, Australia, Peru, Russia, Canada, China, Poland and Kazakhstan.

### 7. Choose True or False for each sentence. Correct the false sentences.

	True	False
1. Minerals are important for countries.		
2. Australia and Canada have a large amount of uranium.		
3. It is difficult to find iron on Earth.		
4. Gold and silver are precious metals.		
5. No wars happened because of mineral resources.		
6. Mexico is the largest exporter of gold.		
7. The world's oceans have small reserves of gold.		
8. Copper is found in many countries.		

## 8. Look at the map of Russia and answer the questions.

1. What mineral resources does Russia have?
2. What regions are rich in mineral resources?
3. What precious metals does Russia possess?
4. Are there any mineral resources in the region where you live?
5. What metal do you usually work with?
6. What metal would you like to work with?



● — Ferrous; ● — Copper; ◆ — Aluminium; ◇ — Other non-ferrous

### 9. Read and complete the dialogue.

- Hello. What are you doing?
- I am soldering.
- What material are you using?
- Guess. I am using a mixture of copper and zinc.
- Let me think. Is it ... ?
- Yes, you are right.

### 10. In pairs, make up your own dialogue. Act it out.



### Test

#### 11. Complete the sentences using the given words.

precious, ore, common, reserves, mining, exporter

1. Australia is a continent with the world's largest uranium ... .
2. Canada is the largest exporter of uranium ... .
3. Mexico is the largest silver ... in the world.
4. One of the most ... elements found on Earth is iron.
5. Canada, the United States and Western Australia are also major ... locations for gold.
6. Gold and silver are ... metals.



## Homework

12. Look at the map of the world and mark the countries and their natural resources using the information from the text.

