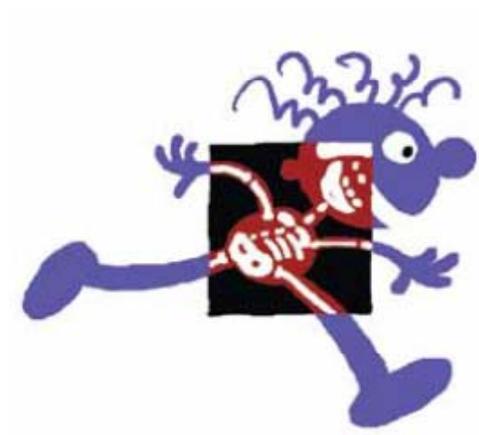


Alpha Level 5

# X-Rays



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## Word Study

**A** Write the word for each picture.

Bone   crack   decay   dentist   gum   metal   vet   X-ray



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



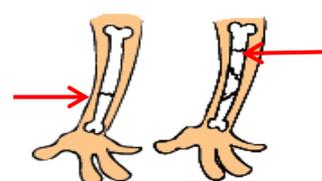
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_

**B** Complete the sentence using words in the box.

hatch   prey   smooth   steer   waterproof

- 1) The vet will \_\_\_\_\_ the bone using pins, splints or bandages.  
*fix or repair*
- 2) If part of a machine is cracked or damaged, it can be repaired or \_\_\_\_\_d.  
*something else is used instead*
- 3) People who are near strong x-rays for a long time will get \_\_\_\_\_.  
*sick*
- 4) People must wear \_\_\_\_\_ clothing.  
*designed to protect from harm*
- 5) X-rays are used to help people get \_\_\_\_\_ they need.  
*medical care for sick people or animals*

## Word Study

### C Complete the sentences using words in the box.

#### Word Box

how if like to through where

- 1) X-rays can pass \_\_\_\_\_ soft things like skin.
- 2) Doctors use x-rays \_\_\_\_\_ see inside your body.
- 3) The x-ray pictures help doctors work out \_\_\_\_\_ to help you to get better.
- 4) The x-ray pictures will show the dentist \_\_\_\_\_ a hole is.
- 5) \_\_\_\_\_ an animal has broken bones, the vet will mend the bone.
- 6) X-rays are used to check that machines \_\_\_\_\_ cars, trucks and planes are safe.

### D Write your own sentences using the pattern.

After verbs like 'ask, know, see, find out, tell and etc.'  
'if' shows an indirect question with an answer 'yes' or 'no'.

The x-ray pictures tell **if any of your bones are broken.**

*(= if any of your bones are broken or not broken)*

- 1) I need to know that it will rain or not rain tomorrow.  
⇒ I need to know \_\_\_\_\_ tomorrow.
- 2) Sue isn't sure that she is pretty or not.  
⇒ Sue isn't sure \_\_\_\_\_.
- 3) Let's find out that there are bears or not in the cave.  
⇒ Let's find out \_\_\_\_\_ in the cave.
- 4) Tell me that you are fine or not.  
⇒ Tell me \_\_\_\_\_.

#### Expression

if there are bears

if it rains

if you are fine

if she is pretty

## Comprehension

### A Answer the following questions.

1. What is the story about?
  - a) How dangerous x-rays are
  - b) How x-rays are used
  - c) Medical use of x-rays
  - d) Safe ways of using x-rays
2. What can x-rays pass through? (pg. 2)
  - a) They can pass through soft skin.
  - b) They can pass through bones.
  - c) They can pass through metal.
3. What can doctors do with x-rays? (pp. 4-5)
  - a) They can kill virus.
  - b) They can make medicine.
  - c) They can see inside bodies.
4. Why are x-rays used at the airport? (pg. 10)
  - a) To check if there are guns or knives inside bags.
  - b) To check if the bags are overloaded.
  - c) To check the owners of the bags.
5. How can people stay safe with x-rays? (pg.14)
  - a) They stop using x-rays.
  - b) They must wear protective clothing or stand behind a screen.
  - c) They should wash their hands after using x-rays.

### B Read and mark the right answer and write it in the blank.

6. People use x-rays to see \_\_\_\_\_ things.  
**small / inside**
7. The \_\_\_\_\_ parts of the mouth, like teeth show up on x-ray pictures.  
**hard / soft**
8. If you have a hole in your teeth, x-ray pictures will show it to the \_\_\_\_\_.  
**dentist / vet**
9. Things that \_\_\_\_\_ go on the plane will show up on x-ray pictures.  
**should / should not**
10. X-rays are used to keep dangerous things out of \_\_\_\_\_.  
**hospital / plane**

# Comprehension

## C Complete the chart.

What is X-ray?	X-rays can pass through not _____ things but _____ things. They are used to see _____ things.
At the Hospital	_____s use x-rays to see inside your body. X-ray pictures show if you have any _____ bones.
At the _____	Dentists check hard parts of the mouth like _____. They can see if you have any _____ in your teeth.
At the _____	X-rays are used to see if animals have any problem with their bones. If any broken bones are found, the vet will _____ the bones.
At the _____	Things like _____s and knives shouldn't go on the plane. X-ray picture shows if _____s and bags have those things.
X-rays and Machines	People can check safety of cars, trucks and planes. X-ray picture shows _____s or weakness needed to be _____.

airport broken crack dentist doctor gun hard hole  
inside mend repaired soft suitcase teeth vet

Expression

## D Write and Speak

1) What things show up on x-ray picture?

⇒ We can see \_\_\_\_\_  
*soft / hard*

2) Look at the x-ray picture and answer.

What things can you see inside the bag?

⇒ I see \_\_\_\_\_  
\_\_\_\_\_



coins



a brush



a diary



a lipstick



pills



a pen



keys