

Alpha Level 5

X-Rays

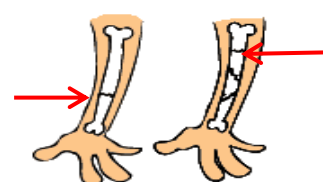


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Word Study

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

- The vet will _____ the bone using pins, splints or bandages.
fix or repair
- If part of a machine is cracked or damaged, it can be repaired or _____d.
something else is used instead
- People who are near strong x-rays for a long time will get _____.
sick
- People must wear _____ clothing.
designed to protect from harm
- 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