

History of X-rays

Worksheet 1

1. Have you ever had any injury ? Have you had anything broken? What can cause an injury?
2. Complete the sentences using the words from the box¹

banged	dislocated	fell	landed	pulled	slipped	smash	squashed
stubbed	stumbled	tripped	twisted	twisted	went over		

1. Ion a loose paving stone as I was walking down the street andflat on my face.
 2. Iand lost my footing andmy ankle.
 3. Imy toe on a chair. I may have fractured it, but I hope I haven't.
 4. I.....my knee on a metal table. I am surprised I didn'tmy kneecap to pieces.
 5. Imy ankle when I went over and now I can barely walk. I don't think it's broken or anything. It's more likely to be a sprain.
 6. Ion the wet floor and went over and on my bottom.
 7. The motorbikeon my ankle and crushed my leg.
 8. I think I'vemy shoulder and I can barely move it.
 9. I my finger in the door and it's throbbing like mad.
 10. Ithis splinter out of the side of my fingernail and now it is infected.
3. Do you know what an X-ray is ? Where are they used? How helpful are they? Who discovered them ? Go online and find the answers to these questions:
 - Who discovered X-rays?
 - Why are they called X-rays?
 - What did the first rontgenogram show?
 - Why wasn't the discovery patented?
 4. Watch a short film about X-rays:
<http://science.howstuffworks.com/innovation/inventions/who-invented-the-x-ray.htm> .
 5. As it turns out X-rays can also inspire artists, have a look at the stunning gallery : http://www.x-rays.nl/WebGalerie_e.htm

¹ taken from Oxford English for Careers, Medicine by Sam McCarter, page 14