

## 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 form the box<sup>1</sup>

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

1. I .....on a loose paving stone as I was walking down the street and .....flat on my face.
  2. I .....and lost my footing and .....my ankle.
  3. I .....my 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't .....my kneecap to pieces.
  5. I .....my 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. I .....on the wet floor and went over and ..... on my bottom.
  7. The motorbike .....on my ankle and crushed my leg.
  8. I think I've .....my shoulder and I can barely move it.
  9. I ..... my finger in the door and it's throbbing like mad.
  10. I .....this 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](http://www.x-rays.nl/WebGalerie_e.htm)

---

<sup>1</sup> taken from Oxford English for Careers, Medicine by Sam McCarter, page 14