

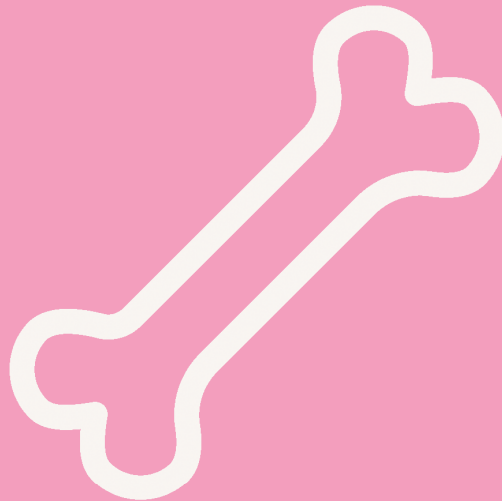


Total Words

By Achieve Psychology For Learning

Pre-Teach

Sentence Study Activities



■ Curriculum Readers: 800 - 1300 Total Words

Bones

1. PAIN! Broken, Dislocated and Repairing Bones

4. Matching beginnings and endings of sentences

(copy and cut each section of the sentences)



<p>1. Even though it sounds gruesome (and definitely very painful),</p>	<p>are called orthopaedic surgeons.</p>
<p>2. The surgeons who repair broken bones</p>	<p>a metal rod into the middle of a bone to hold the bits of broken bone straight so that the bone can heal into the correct shape again.</p>
<p>3. Sometimes orthopaedic surgeons have to push</p>	<p>they have cell walls that are made of calcium and phosphorus.</p>
<p>4. The cells in bones are very strong because</p>	<p>dislocated bones can be pulled and twisted back into place by trained medical experts.</p>

5. Sentences in sequence

(Put the sentences in the order that they happen in the story)

1. What happens when a bone is broken is that blood starts to leak out from the broken bone inside the body.
The next sentence is:
2. In cases where bones have been crushed and cannot be repaired, surgeons use 3D printers to build whole new bones or parts of bones out of plastic.
The next sentence is:
3. After several weeks, the bone has usually mended itself.
The sentence before is:
4. Dislocated bones are not broken bones.
The next sentence is:

6. Where are the sentences...

Sentences	Page(s)
... explaining what dislocated bones are?	
... explaining how the chemicals work to repair broken bones?	
... describing how dislocated bones are treated?	
... describing how surgeons can use 3D printers to heal bones?	

2. Olympic Joint Medal Tables

4. Matching beginnings and endings of sentences

(copy and cut each section of the sentences)



1. The 24 bones that make up our spine	goes to the table tennis players, who flick their table tennis bats quickly in all sorts of directions.
2. The gold medal for the athletes with the best gliding joints	gymnasts, who swing around bars and do handstands and flips through the air using their arms, shoulders and hips.
3. The best contenders for the ball and socket joint gold medals are	are the athletes that have great strength and flexibility in their spine.
4. The athletes who could get a gold medal for the best facet joints	are joined together by facet joints.

5. Sentences in sequence

(Put the sentences in the order that they happen in the story)

1. Hinge joints are the strong joints that hold our knees and elbows together.
The sentence before is:
2. Joints not only let us move; joints also make sure that bones can grow in a way that they still fit together.
The next sentence is:
3. We'll give this medal to the joint that holds the two arm bones, the ulna and the radius.
The next sentence is:
4. Shoulders and hips are ball and socket joints.
The sentence before is:

6. Where are the sentences...

Sentences	Page(s)
... explaining what ball and socket joints are?	
... explaining why weightlifters get a medal for strong hinge joints?	
... describing what a saddle joint is and who gets that medal?	
... describing what facet joints are?	

3. Old Bones Tell Their Story: King Richard III

4. Matching beginnings and endings of sentences

(copy and cut each section of the sentences)



<p>1. Carbon dating is quite complicated,</p>	<p>was similar to the DNA in people who are currently living who are descendants or relatives of King Richard III.</p>
<p>2. The forensic scientists concluded</p>	<p>if a person was male or female even though all that they have left is a person's skeleton.</p>
<p>3. Forensic scientists can tell</p>	<p>but what scientists can do is find out how old something is by analysing the carbon dioxide, a chemical that is in all living things, even living things that are now dead.</p>
<p>4. They could test to see if the DNA in these bones</p>	<p>that the person whose skeleton was lying buried under the car park had died from serious head wounds.</p>

5. Sentences in sequence

(Put the sentences in the order that they happen in the story)

1. Scientists wanted to analyse the pattern of DNA chemicals in the bones of the skeleton under the car park.
The next sentence is:
2. Forensic scientists can analyse bones to find out how old they are.
The next sentence is:
3. The first thing that forensic scientists can find out is how tall a person was when they were alive.
The next sentence is:
4. Forensic scientists can tell if a person was male or female even though all that they have left is a person's skeleton.
The next sentence is:

6. Where are the sentences...

Sentences	Page(s)
... explaining why they needed to get saliva from a relative of Richard III?	
... describing what scientists concluded from the scars on the bones?	
... describing what a femur is?	
... describing what forensic scientists noticed about the shape of the spine bones in the skeleton?	

4. Bone Marrow, Blood Cells, Stem Cells and Transplants

4. Matching beginnings and endings of sentences

(copy and cut each section of the sentences)



<p>1. The outside of each bone is solid and hard,</p>	<p>new cells have to be made to replace the old blood cells all the time.</p>
<p>2. Because the blood cells in our bodies don't last for very long,</p>	<p>are like baby cells that are waiting to grow up.</p>
<p>3. These stem cells</p>	<p>are full of red bone marrow.</p>
<p>4. Bones like our pelvis, our shoulder blades and our sternum in our chest</p>	<p>but the insides of our bones are full of soft, spongy tissue that is called bone marrow.</p>

5. Sentences in sequence

(Put the sentences in the order that they happen in the story)

1. Stem cells are the special cells inside bone marrow that make new cells.
The next sentence is:
2. Yellow bone marrow is inside the big bones in our bodies the fibia bones in our legs and the humerus bones in our arms.
The next sentence is:
3. Red bone marrow is inside the flat bones in our bodies.
The next sentence is:
4. We might think that bones are just solid and hard bits of skeleton made of calcium and phosphorus.
The next sentence is:

6. Where are the sentences...

Sentences	Page(s)
... explaining why bodies need to make new blood cells?	
... describing the inside and outside of bones?	
... explaining why Brady's bone marrow is making him sick?	
... describing what stem cells are?	

5. Rag and Bone Men

4. Matching beginnings and endings of sentences

(copy and cut each section of the sentences)



<p>1. Many of the bones</p>	<p>like dominoes and building blocks.</p>
<p>2. He thought that some of the bones would be used for children's toys</p>	<p>would be made into piano keys or fine ornaments for ladies' dressing tables.</p>
<p>3. Bone powder was also sent to factories to make crockery. When it was mixed</p>	<p>would be going to the cutlery factory where they would be shaped into handles for spoons, forks and knives.</p>
<p>4. The best bones</p>	<p>with clay, it was used to make fine bone china.</p>

5. Sentences in sequence

1. "He's done all right for himself," people said when Fred stopped using his hand-pulled wagon and bought Bess and this old cart.
The sentence before is:
2. Fred collects anything that he can sell, like bits of cloth, broken china and bones, old pots, or broken chairs.
The sentence before is:
3. The leg bones and the hooves of horses were very good for making glue after they had been rendered down.
The next sentence is:
4. They could sell it as gelatine.
The next sentence is:

6. Where are the sentences...

Sentences	Page(s)
... explaining how bones were rendered down?	
... explaining how bones were turned into fertilizer?	
... describing what liquid from bone rendering was used for?	
... describing the things that a rag and bone man would collect?	