



**Total Words**

By Achieve Psychology For Learning

# Remembering Details

## Comprehension Activities



■ Curriculum Readers: 800 - 1300 Total Words

**Bones**

# **1. Bone Marrow, Blood Cells, Stem Cells and Transplants**

## C. Recalling Information to Remember

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What are three interesting facts about bone marrow, blood cells, stem cells and transplants that you would like to remember?

1.



2.



3.



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# D. Comprehension Check Page

## What do you remember?

1. Tick the facts that are true:
  - a. Bones are filled with bone marrow.
  - b. Bones can be transplanted.
  - c. Bones make millions of new blood cells every minute.
  - d. Bones are made of oxygen and iron.
  
2. When a sick person gets a bone marrow transplant, what can the new bone marrow make that will help the person get well again?
  
3. Why are red blood cells so important in our bodies?
  
4. Why do our bodies need to make new blood cells all the time?
  
5. Stem cells are found in bone marrow. Why are stem cells especially useful if someone is ill?

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## **2. PAIN! Broken, Dislocated and Repairing Bones**

## C. Recalling Information to Remember

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What are three interesting facts that you would like to remember about broken and dislocated bones?

1.

2.

3.

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# D. Comprehension Check Page

## What do you remember?

1. Tick any details that are NOT true:
  - a. Bones crush easily.
  - b. Bones can repair themselves.
  - c. Bones bleed when they are broken.
  - d. Bones can be repaired with screws and metal rods.
  - e. X-rays are used to heal bones.
  
2. Dislocated bones and fractured bones are not the same because...
  
3. If bones are badly fractured and break through the muscles and skin, they must be repaired immediately because...
  
4. Simple broken bones can be repaired by wearing a plaster cast. The cast helps the bone to heal by...
  
5. When bones break, blood clots form around the broken part of the bone. How do these blood clots help to repair the bone?

## **3. Rag and Bone Men**



## C. Recalling Information to Remember

What are three interesting facts that you would like to remember about rag and bone men like Fred?

1.

2.

3.

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# D. Comprehension Check Page

## What do you remember?

1. Tick the uses for old bones that have been included in the book:
  - a. Making replacement legs and arms.
  - b. Making soap.
  - c. Making fine bone china cups and saucers.
  - d. Making combs.
  - e. Mending broken chairs.
  - f. Fertilizer.
  
2. What were horse bones particularly good for?
  
3. What did a rendering factory do and what did it produce?
  
4. Many different products that were made from recycled bones are mentioned in the book. List as many as you can.
  
5. What products were made from the liquid that old bones were boiled in at the rendering factory?

## **4. Old Bones Tell Their Story: King Richard III**

## C. Recalling Information to Remember

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What are three interesting facts that you would like to remember about finding and analysing the skeleton of Richard III?

1.

2.

3.

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# D. Comprehension Check Page

## What do you remember?

1. Tick all the information that scientists were able to find out from their analysis of the old bones that had been buried for 500 years:
  - a. The bones were of a male.
  - b. The male had red hair.
  - c. The person had died of head injuries.
  - d. The person had played sport a lot.
  - e. The skeleton was of a person who had been living in the 1400s.
2. What were the signs on the bones that this person had died in battle?
3. How did scientists figure out how tall the person had been?
4. What did forensic scientists do to find out how old the bones were?
5. By analysing the DNA chemicals in the bones, scientists were able to find out two important details about the skeleton. What two details did the DNA tell them?

## **5. Olympic Joint Medal Tables**

## C. Recalling Information to Remember

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What are three interesting facts that you would like to remember about joints that are used for particular sports?

1.

2.

3.

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# D. Comprehension Check Page

## What do you remember?

1. Tick the details that are correct:
  - a. All joints are ball and socket joints.
  - b. Cartilage is fibre that helps to hold joints together.
  - c. Joints are places in our bodies where two bones join.
  - d. Teeth fit into a type of joint called a 'peg and socket'.
  - e. Hinge joints are in our knees, elbows and fingers.
  - f. We need joints to be able to balance on one leg.
  
2. What joints need to be particularly strong for archers?
  
3. What does synovial fluid do in the bones of our spine?
  
4. Where would you find a pivot joint and what does it let us do?
  
5. What are the joints in the legs of weightlifters that need to be very strong?

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