



Art & Design Project Plans

THE HUMAN BODY

These project plans are designed to be used with the accompanying resource sheets. Please note: A CD does not accompany this project, all resources can be found below.

Art & Design Project 1: Fingerprints (Key Stage 2 +)

Aims of the lesson: To learn how to make and preserve fingerprints; to understand the uniqueness of fingerprints and know the basic fingerprint types.

Activity: Begin by asking the class to draw a rectangle about 2 inches long by 1 inch wide on a piece of paper, using a soft pencil. Ask them to turn their pencil on its side and colour the rectangle as black as they can. Then ask them to rub the tip of their thumb or the tip of one finger on the black rectangle until it is grey. Next, put a small piece of sellotape on the grey area of the finger in a smooth manner, usually from the tip down or from the first joint up. Holding only the tip of a corner of the tape,

peel it off and carefully put it on the paper. Write down which hand and finger it came from. At this point, allow the class the opportunity to look at the fingerprint – what shapes can they see? How does each pupil's fingerprint differ to the pupil sat next to him/her? The **Art & Design project 1** folder on the accompanying CD includes a sheet that shows some of the main types of fingerprints.

Plenary: As an extension to this activity, ask the class to research what the police use fingerprints for. The class could also experience their own pretend crime where one pupil leaves a fingerprint and the class have to find out whom the fingerprint belongs to.

Art & Design Project 2: Bone Transformations (Key Stage 2 +)

Aims of the lesson: To encourage pupils to think about bones and their unique shape(s).

Activity: For this project you will need some real bones as examples, copies of a bone for each student, pencils, crayons and drawing paper. Begin by discussing the shape of bones and the purpose of that shape using real bones as examples. Give each pupil their own copy of a bone and have them cut it out. Tell the pupils they may place the bone in any position on their paper. In groups, have the pupils list the many, different and unusual things the bone could become. Each pupil will then illustrate a bone transformation on their own piece of paper. Finally, transformations can be shared with the class. The page opposite shows some bones. Show this picture to the class. The **Art & Design Project 2** folder on the CD includes some illustrations of bones that the class can print out and cut out to begin their bone transformations.

Plenary: As an extension to this activity, the **Art & Design Project 2** folder also includes a template for a complete skeleton. This template can be used to cut out the bones and you can then ask the class to stick them all together correctly.





Art & Design Project 3: Fantastic fruit and vegetables (Key Stages 1 and 2)

Aims of the lesson: To encourage pupils to learn about different fruit and vegetables, what they are called and what shapes and sizes they come in, and then draw and name fruit and vegetables as part of a database activity.

Activity: Begin by providing the pupils with the chance to look at a range of fruit and vegetables. If real fruit and vegetables are not available, the **Art & Design Project 3** folder on the CD-ROM includes a selection of photographs that can be used. Ask the pupils if they know what the fruit and vegetables are called or where they are grown. Then ask them to select a specific fruit or vegetable and bring one into the class. Carefully, each pupil can cut their selected

fruit or fruit or vegetable in half and look at the inside. Try to get the pupils to use the correct vocabulary such as peel, skin, flesh, etc. and ask them to describe what the inside of their fruit or vegetable looks like. What shapes can they see? Colours? Finally, ask the class to create a picture and word database by drawing or photographing fruit and vegetables.

Plenary: As an extension to this activity, ask the pupils to think of all the different things that can be made with fruit and vegetables and make a list of their favourite fruits and vegetables. As a treat, the class could make their own fruit kebabs using fruit brought from home.



Art & Design Project 4: Magical movements (Key Stage 2)

Aims of the lesson: To allow pupils the opportunity to question and make thoughtful observations about starting points for their work; to select and record from first-hand observation; and to explore ideas for different purposes

Activity: Begin this activity by asking the class to rehearse body gesture and movement, and to imagine in 'slow motion' the act of falling, sprinting from a start line or a dance move. Discuss ideas and feelings about this. Next, put the pupils in pairs. Ask one of each pair to make a series of short poses that describe the sequence of an action and ask the other to record the poses as outline drawings in their sketchbooks. Then swap roles. Next, ask the pupils to look at the work of different artists and photographers and identify a range of ways in which

figures and forms in movement can be represented. Discuss the ways in which visual effects can be used to show movement. Also discuss the work of artists who have portrayed strong facial expressions related to figures engaged in dynamic physical activities. Discuss how this work is successful. The children can record faces and expressions in their sketchbooks. Encourage them to notice differences in expressions. Ask them to apply colour to their drawings to experiment with colours associated with feelings. The **Art & Design Project 4** folder on the CD-ROM includes some photographs of people moving (including the photo shown opposite).

Plenary: As an extension to this activity, the class could make a video using a digital camera to record a series of images that tell a story about the action.



The Human Body

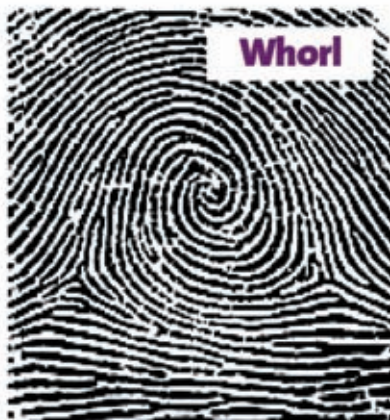
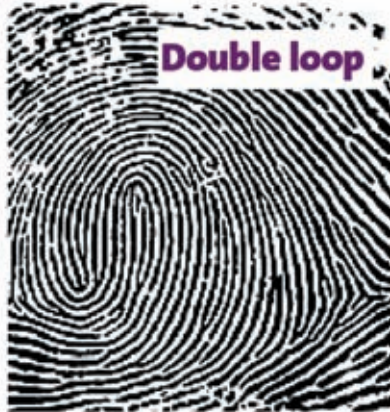
Art & Design Project 1: Fingerprints

Key Stage 2+





Information sheet: Types of fingerprints





The Human Body

Art & Design Project 2: Bone Transformations

Key Stage 2+





Illustration of human arm bone

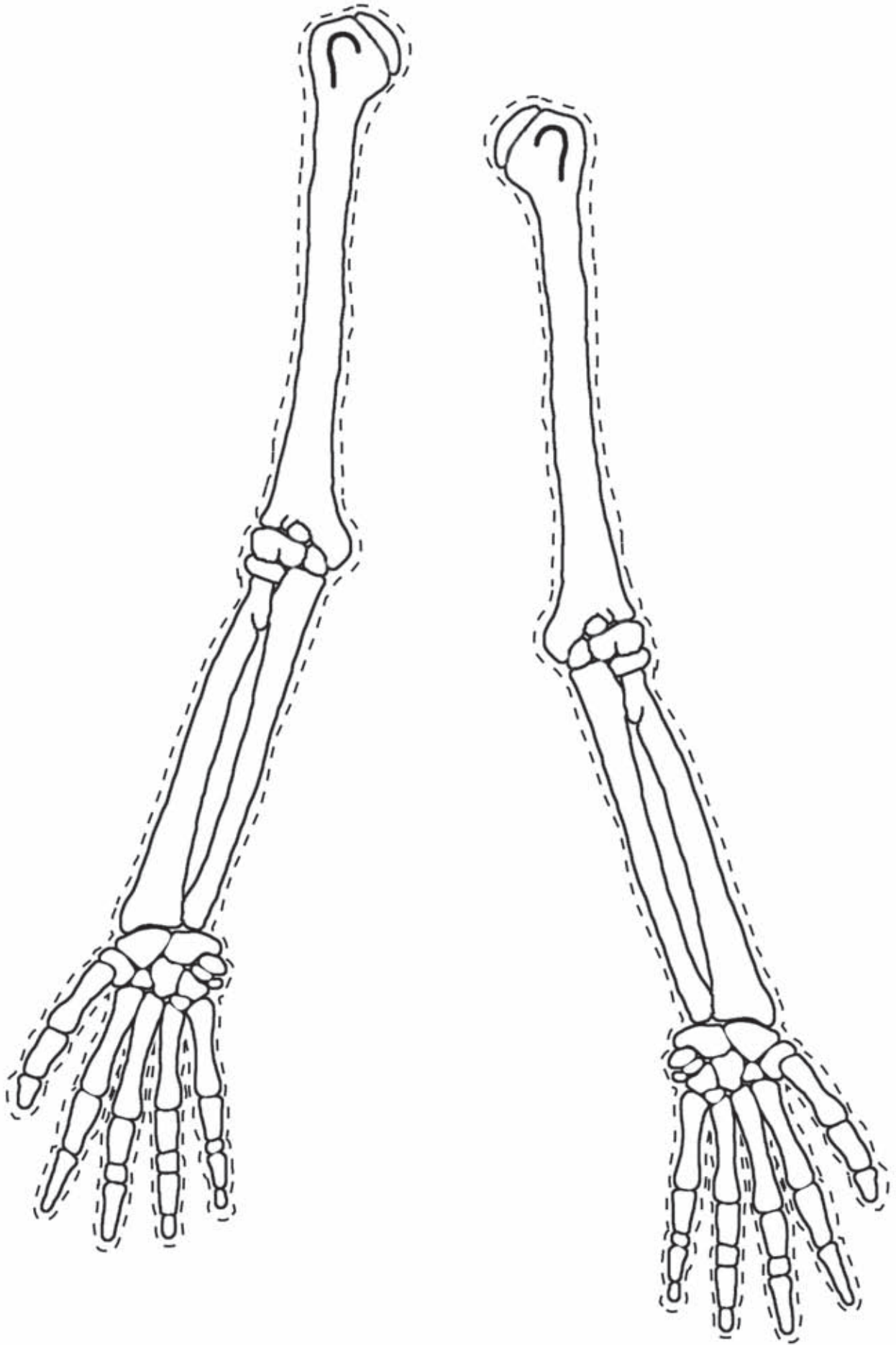




Illustration of human finger bone

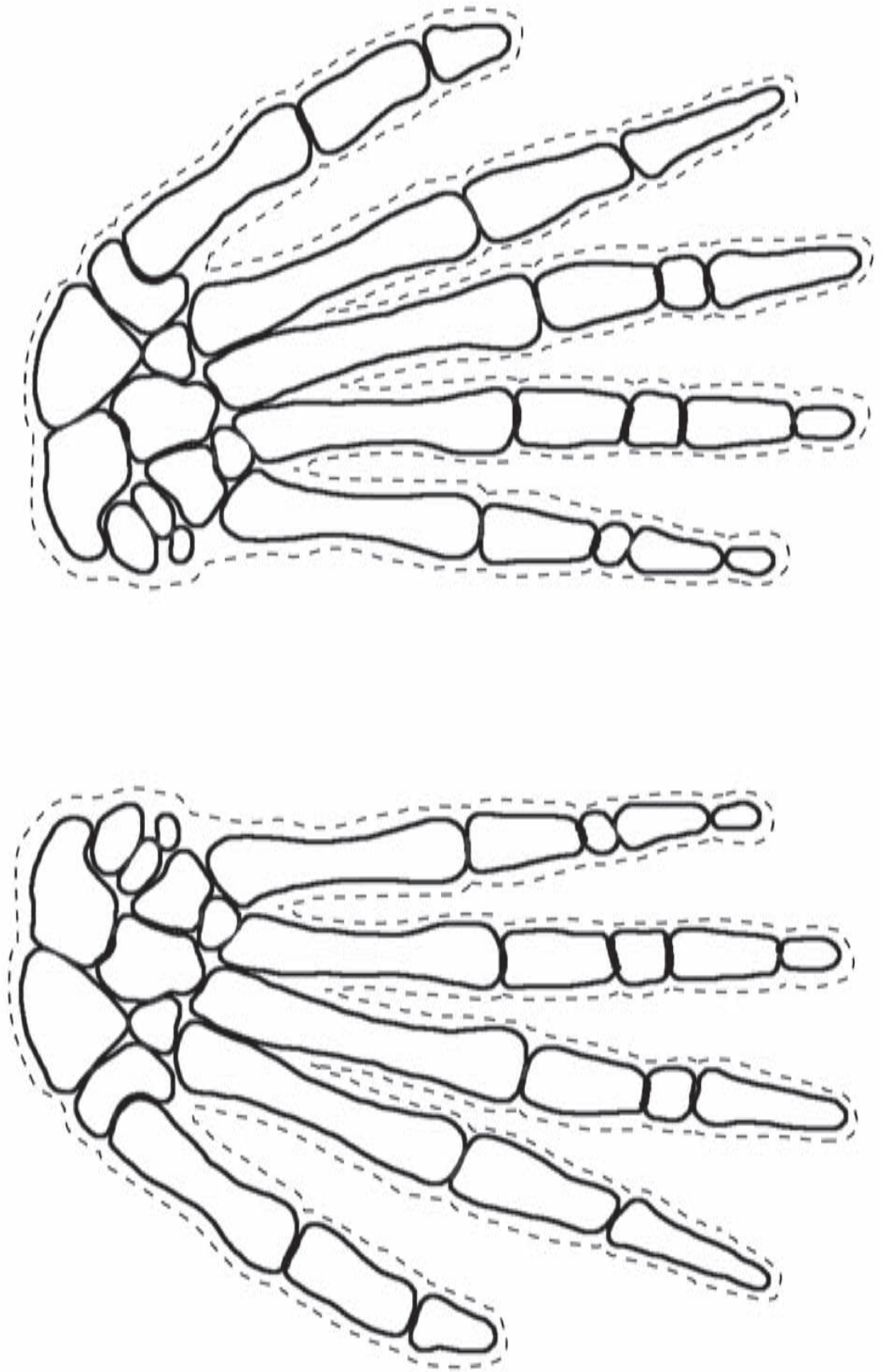
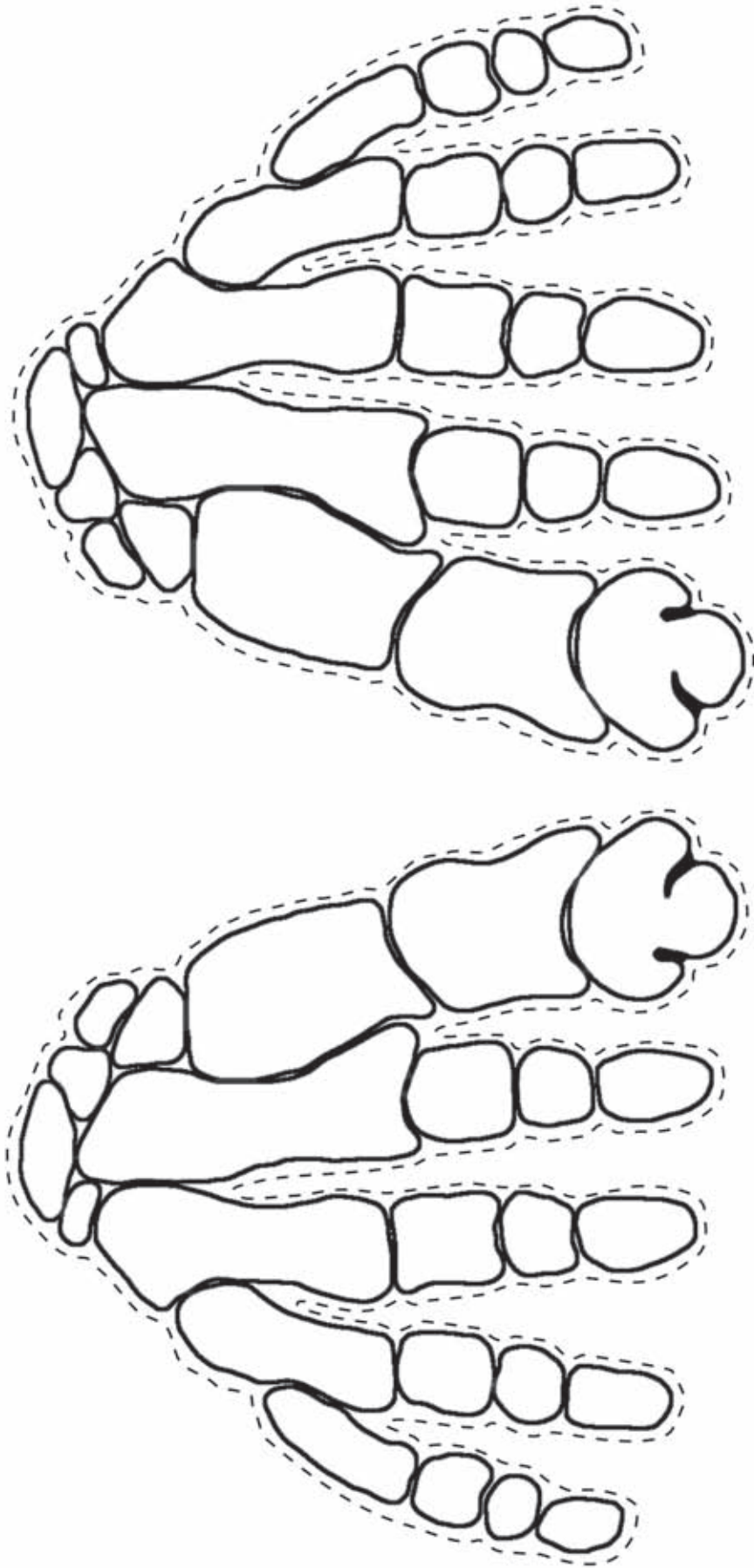




Illustration of human foot bone

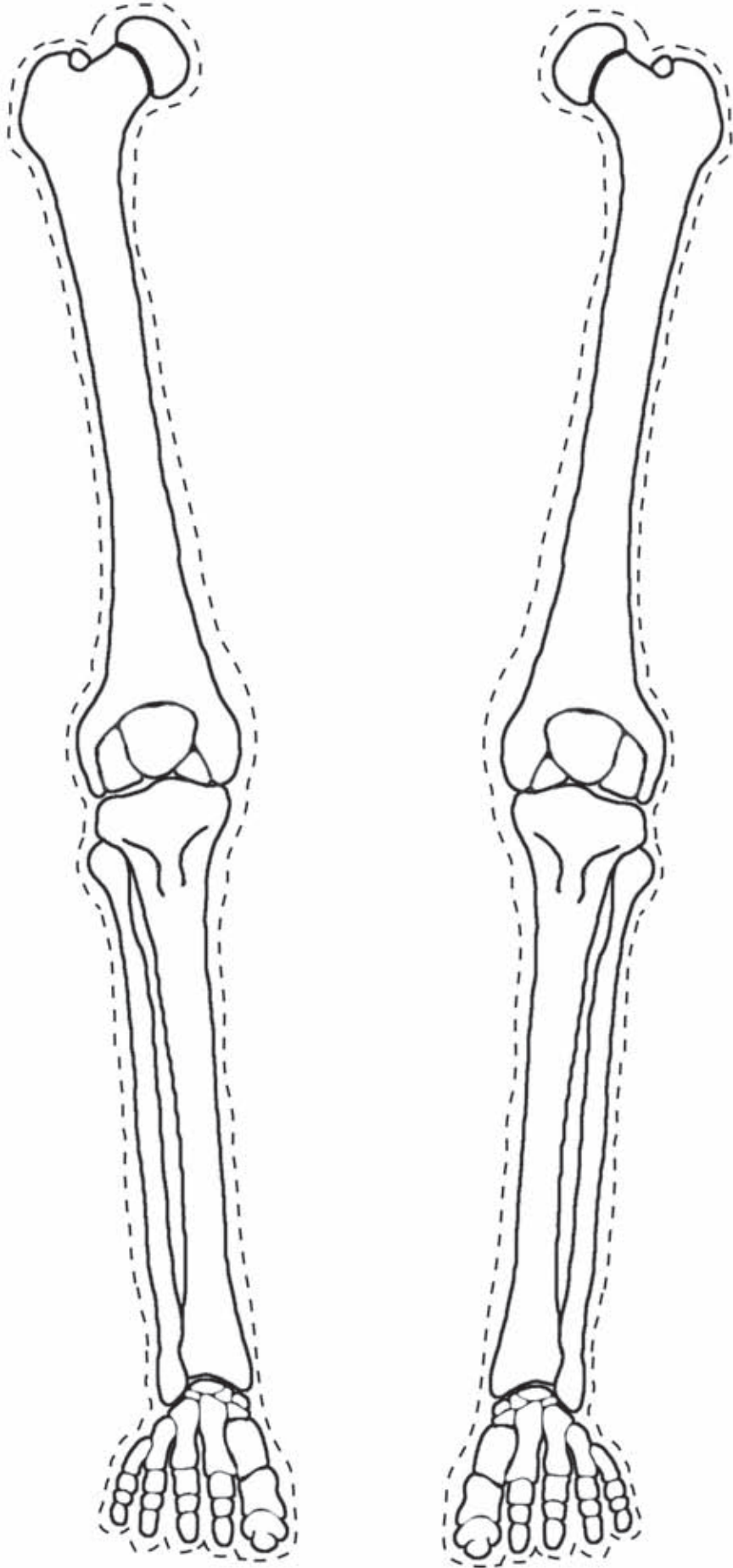


Human bones



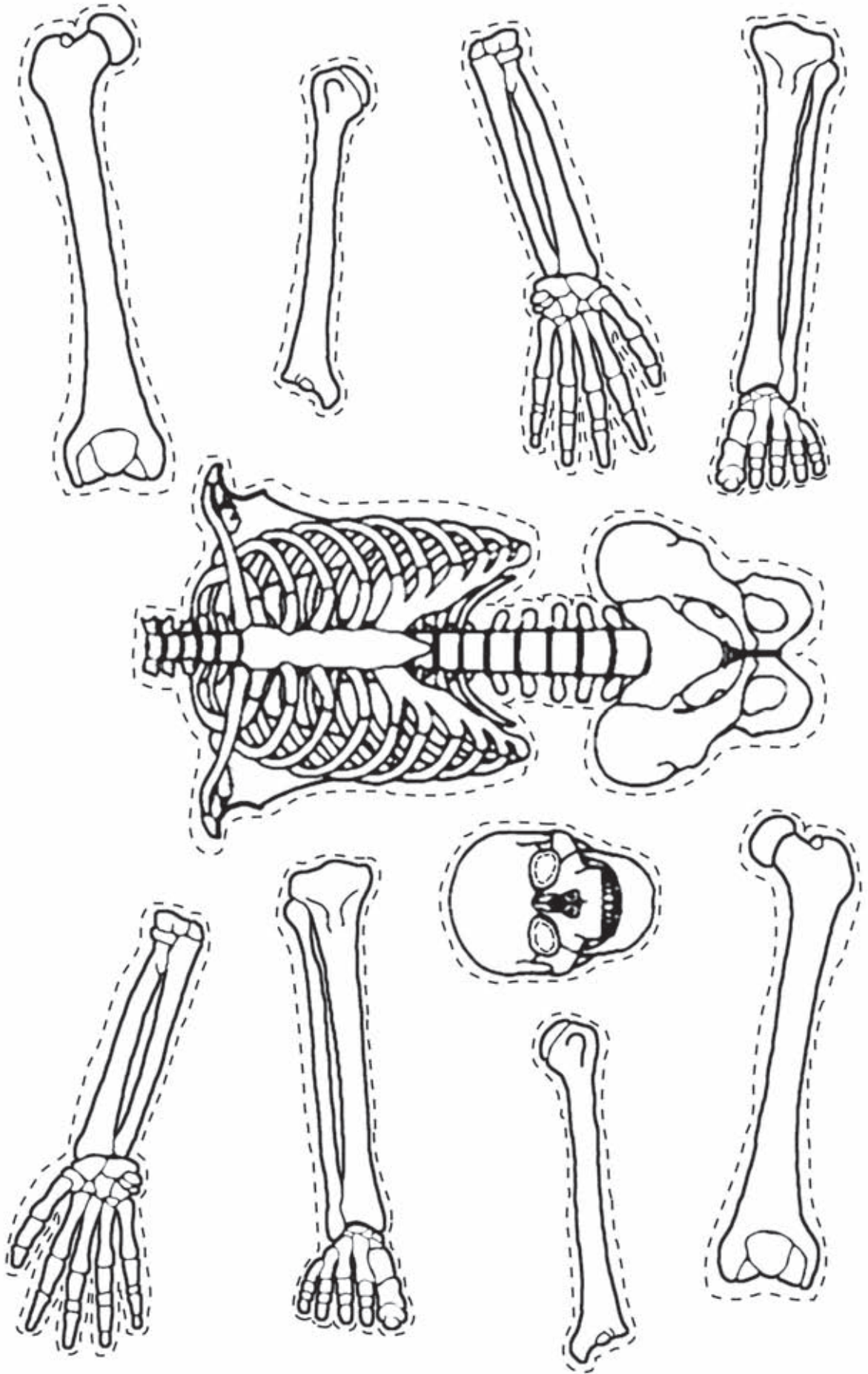


Illustration of human leg bone





Little skeleton





The Human Body

Art & Design Project 3: Fantastic Fruit and Vegetables

Key Stages 1 and 2







The Human Body

Art & Design Project 4: Magical Movements

Key Stage 2



