



The aims of these sheets are:

- *to present the children with the challenge of a problem-solving activity*
- *to bring together all that the children have learned about forests and forest management throughout the project*
- *to present the opportunity to practise map skills*

POINTS TO MAKE:

- **forests should be multi-purpose, producing timber in ways which are in balance with the natural ecosystem and with the needs of the local population**
- **the children do not need to include all the facilities suggested on Sheet 2 but they should be selective**



ACTIVITY 1

The children will need to take a close look at the sketch map on Activity Sheet 24A and discuss the different features with a friend. They could use the map for the following activities:

A. RESEARCH

Which playground equipment would the group expect to find in an adventure playground set in the forest?

Organise a survey to question other children in the school about the equipment, materials, space, colour etc.

Where would the playground be sited, how would apparatus be arranged, will the site need to be altered in any way etc.?

B. PLAN

Safety factors need to be taken into consideration such as sharp edges, flooring, swinging and turning apparatus.

The materials to be used to build the apparatus and the question of aesthetics need to be considered.

Draw the plans and layouts to scale.

C. DESIGNS

Each member of the group should design one piece of playground apparatus, bearing in mind points that have already been discussed about materials and safety.

D. MAKE

Make a model of the apparatus designed from materials collected at home or materials available in the classroom.

E. PRESENTATION

Show final plans to the class once any problems have been discussed and the group have considered alterations they might need to make.

The group should prepare a 3–5-minute talk about their playground proposals and individuals will present their models.

THE CHILDREN COULD ALSO:

- use colouring pencils to highlight the different features
- draw a 4cm² grid on the map
- imagine themselves standing in different locations and describe to a friend what they can see in each direction
- consider how the forest is used at present
- use grid references and scale to make up a set of questions about the map
e.g. *In which direction is the lake from the car park?*
What distance does the map cover from north to south?
What is the grid reference for the lake?

**ACTIVITY 2**

The map on Sheet 24A could be enlarged and the previous activities applied to it once the children have completed mapping the different features. Six-figure map references could be used to locate some of the features.

**ACTIVITY 3****TECHNOLOGY CHALLENGE****TASK:**

Working in a small group of approximately four children, one, two or all three of the suggestions set out below would be an exciting way of extending their Forests Forever project.

- research and plan an adventure playground for the Woodridge Forest Project
- design and make a model of a piece of apparatus to be placed in the playground
- a group presentation of proposed plans to include individuals giving a short explanation of their models