



064 Stack the beams

Work hands-on with the concept of balance and develop skills and abilities related to fine motor skills.

Introduction to the session

Present the ECO Beams Building Set from Miniland so they can familiarize themselves with its components and the various game options indicated in the product instructions. The digital game can both help reinforce content learned by playing with the toy, as well as present and familiarize the child with the dynamics of the game. This activity provides the opportunity to “touch” and deal with different mathematical concepts.

Playing with the Miniland product

- 1 Download and print the 064-A, B ECO Beams Building Set game sheets and cut along the dotted lines (Fig 1). This will provide you with 4 cards featuring activities with different levels of difficulty (Fig 2).
- 2 The game involves using the beams to build, on top of the sheet, the tower whose silhouette matches the image represented by the beams in real life. (Fig 3).
- 3 A specific number of beams can be defined, or you can try to balance as many beams as possible over the others, as instructed by the activity sheet.



Fig 1

Fig 2

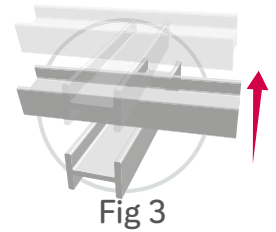


Fig 3

Digital Game

The digital game offers the opportunity to learn the order of building. The game consists of building the proposed model. Drag the pieces to the right place until the proposed model has been completed. Remember to start building from the base of the structure.

- 1 A structure made up of horizontal and vertical beams will appear on the screen. Some of them are displayed as partially transparent. These transparent beams are those which the player must complete with the beams from the right-hand side of the screen.
- 2 The player must click on the beam they think should be placed first, either horizontal or vertical, and drag it to the correct position.
- 3 If they guess wrong, the player can try again with a different beam. If they guess right, the transparent beams will turn different colors and the player can continue until the structure is completed.



Educational Content

Math

- Logic and math skills.
- Spatial concepts.

ICT

Digital environment use.



Compatible Miniland Material

- Ref. 32150 ECO Beams Building Set.

Multilingual education

Vocabulary and verbal expression.



Age

2-6 years old.



Themes

Math and Logic.