

Biology



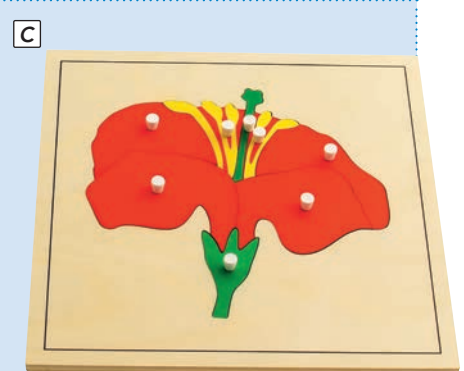
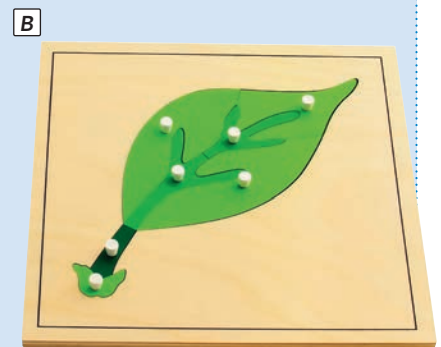
From the Whole to the Detail – Cosmic Education

From where? And Why? Are among the first big questions of children. In Cosmic Education, these questions are explored in a manner that is appropriate for children. The child is offered a fundamental insight into the world and its connections. Interest is supposed to be stimulated, thirst for knowledge satisfied and a first scientific examination encouraged. The transfer of knowledge is complemented by an ethical, value-oriented component. Thus, Cosmic Education must be understood as integral learning. The Cosmic Material of the Montessori curriculum combines everything that falls into the areas of biology, geography, religion, arts and physics. This includes materials, such as animal and map

puzzles, display boards, three-dimensional models and card decks. Information that is gathered by sensory perception with the help of these materials, forms a stable foundation for studying the existing and exploring the new.

With the playful introduction of facts, children obtain an overview of the whole, in order to be able to further advance into the details.

Maria Montessori considers all materials as tools for attaining responsible conduct. The appreciation for the world was of a religious nature for Maria Montessori.



D

Botany-Puzzles

A 130563 Botany Puzzle „Tree“

B 130562 Botany Puzzle „Leaf“

C 130564 Botany Puzzle „Flower“

Botany Puzzles

Sturdy wooden puzzles, which illustrate the composition of leaf, tree and blossom. The individual puzzle pieces can be handled easily with the little knobs. Dimensions: 24 x 24 cm.

Warning: Not suitable for children under 3 years. Small parts. Choking risk.

D 130573 Botany Puzzle Activity Set

The images on the control cards are of the same size as the puzzles, so the children can place the individual puzzle pieces also directly on the control cards. While matching the word and image cards, the children learn the respective names. Labeling only in English!

Material: Plastic. 3 control cards and 15 small name cards in a subdivided wooden box with lid.

E 130559 Botany Puzzle Cabinet

With three compartments. Material: Baltic birch plywood. Dimensions: approx. 25 x 24 x 12 cm.

Info

With the Botany and Animal Puzzles, children get to know animals and the components of plants by naming the individual puzzle pieces. First terms and knowledge of the anatomy of animals and the structure of plants are acquired.



E

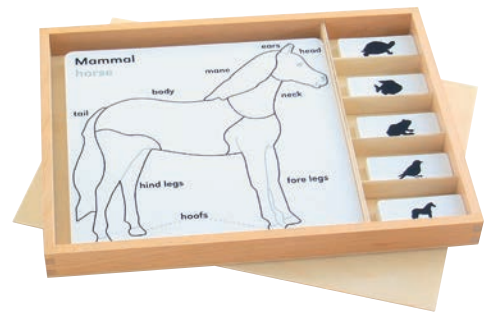


Animal Puzzles



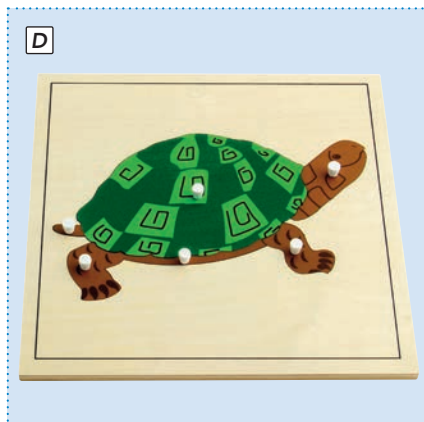
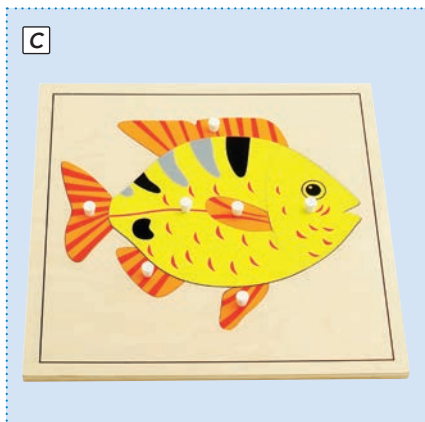
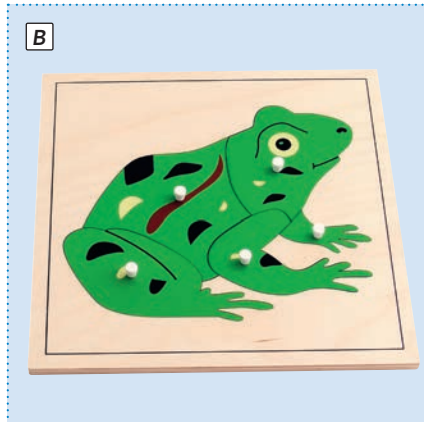
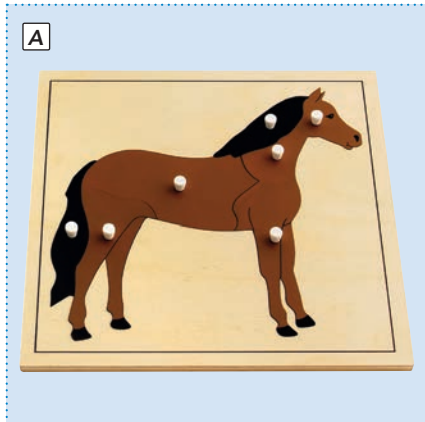
130565 Cabinet for Animal Puzzles

With 5 compartments. Material: Birch plywood.
Dimensions: approx. 25 x 24 x 20 cm.



130574 Activity Set

The images on the control cards are of the same size as the puzzles, so the children can place the individual puzzle pieces also directly on the control cards. While matching the word and image cards, the children learn the respective names. Labeling only in English!
Material: Plastic. 5 control cards and 25 small name cards in a subdivided wooden box with lid.



- A** 130566 Animal Puzzle „Horse“
- B** 130567 Animal Puzzle „Frog“
- C** 130568 Animal Puzzle „Fish“
- D** 130569 Animal Puzzle „Turtle“
- E** 130572 Animal Puzzle „Bird“

Animal Puzzles

Sturdy wooden puzzles, which illustrate the structure of different vertebrate classes. The individual puzzle pieces can be handled easily with the little knobs.
Dimensions: 24 x 24 cm.

Warning. Not suitable for children under 3 years. Small parts. Choking risk.

Botany



130553 Botany Cabinet

Chest of drawers with 18 leaf shape insets. The application of the material has several goals: Getting to know leaf shapes, starting to pay attention to the different leaf shapes and leaves in nature, comparing to and matching with „natural“ leaves, expansion of the vocabulary by naming the shapes and the respective types of trees. Material: Baltic birch plywood, German beech. Dimensions: approx. 48 x 34 x 12 cm.

Warning: Not suitable for children under 3 years. Small parts. Choking risk.



Info

Botany Cabinet

During a walk, leaves of the local trees can be gathered and later compared to those in the botany cabinet or the leaf cards and identified. This way, children learn to name the trees correctly, to recognize, name and compare special features of the leaves.

- F** 130554 Leaf Cards
- G** 130556 Leaf Cards Cabinet
- H** 130557 Botany Cabinet Control Chart
- J** 130558 Botany Cabinet Nomenclature Cards

Leaf Cards

3 decks containing 18 cards each, which match the insets of the botanical chest of drawers. Each shape is represented once by a thin contour, once by a thick contour and once by a filled shape.

