

CLIP WORKSHOP



INTRODUCTION

Clip is an original construction game intended to make vehicles, characters or animals suitable for children from 3 years old. This game is original because it is mainly composed by coloured connecting elements with no solid surface. It also gives the possibility to propose a different representation of the objects. Before carrying out constructions that require children to have good hand-eye coordination skills, an anticipation and a representation of the construction that we want to do, the activities that are proposed here are intended to apprehend the material in all its sensory aspects before being able to build either by following a model or his imagination.

This material allows three types of activity:

- identification, language, observation, comparison, and mathematical activities that are usually organized in small groups.
- Model reproduction activities using 12 activity sheets with pictures, with progressive difficulty that can be organized individually or in groups of 4 children and which promote autonomy.
- Free activities that help develop children's imagination

INDEX

INTRODUCTION p 2

INDEX p 3

COMPOSITION OF THE GAME p 4

- Pieces
- Children's activity sheets

ACTIVITES

DISCOVERY ACTIVITIES

- Discovery activities SHEET N°1 p 5

SENSORY ACTIVITIES

- Connections SHEET N °2 p 6
- Sorting by colours SHEET N °3 p 7
- Sorting by shapes SHEET N °4 p 8
- Sorting by size SHEET N° 5 p 9

















MATHEMATICAL ACTIVITIES

- Double entry table1 SHEET N° 6 p 10
- Double entry table 2 SHEET N° 7 p 11
- Alternations 1 SHEET N° 8 p 12
- Alternations 2 SHEET N° 9 p 13

SENSORY-MOTOR ACTIVITIES

- Volumes 1 SHEET N°10 p 14
- Volumes 2 SHEET N°11 p 15
- Reproductions SHEET N°12 p 16
- Sequential images SHEET N°13 p 17

COMPOSITION OF THE GAME

							
X 3 L x l: 12x 6 cm	X 3 L x l: 9 x 9 cm	X 3 Ø : 9,5 cm	X 3 L: 9,5 cm	X 3 L : 9,5 cm	X 3 L : 9,5 cm	X 2 L : 9,5 cm	X 4 L x h: 9,5 x 5 cm
							
X 4 Ø : 6 cm	X 3 5,5 x 5,5 cm	X 3 L : 6 cm	X 4 L : 8 cm	X 3 L : 8 cm	X 2 L : 7,5 cm	X 2 L : 7,5 cm	X 5 L : 5,5 cm

CHILDREN'S ACTIVITY SHEETS

Level 1: Reproduction sheets N° 1 to 6

Age grade 3 – 4 years

6 reproduction sheets with the following educational goals:

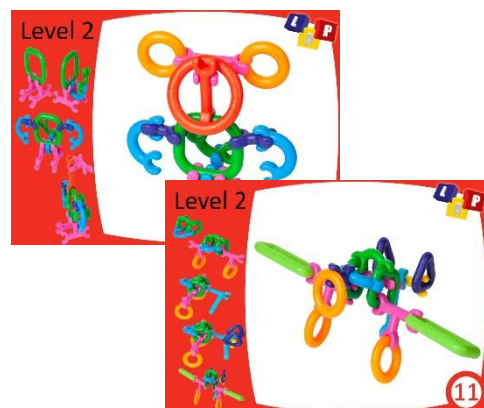
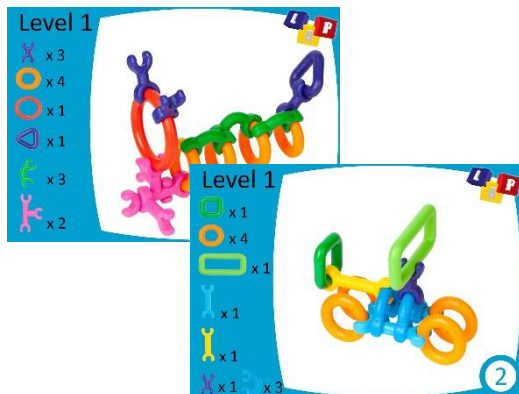
- Develop of the sense of observation
- Decode an image, identify the different elements a construction is made of and realise it.

Level 2: sequential images Sheets N° 7 to 12

Age grade 4 – 5 years

6 sequential images with the following educational goals:

- Learn to follow a succession of constructions instructions
- Decode an image to make the final composition



DISCOVERY ACTIVITY



- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Discover the material with the sense of touch, manipulate it, make experience with it, make things up with it.

Improve verbal expression.

- **WHAT YOU NEED**

Surprise children by placing on a carpet all the pieces. Do not hesitate to use one of the models offered in the children's sheets to arise interest.

- **HOW TO PLAY**

In groups of 4 - 6 children let them discover the material and handle it. Spontaneously, they will try to "clip" the pieces.

This first step of free discovery is important because children are always interested in new materials.

When children do not know what to do with the material anymore, it will be time to structure the game and show different uses.

Cette première étape de libre découverte a son importance car les enfants vont toujours rechercher un intérêt à ce matériel nouveau.

CONNECTIONS



- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Development of fine motor skills
Learn to connect the game pieces.

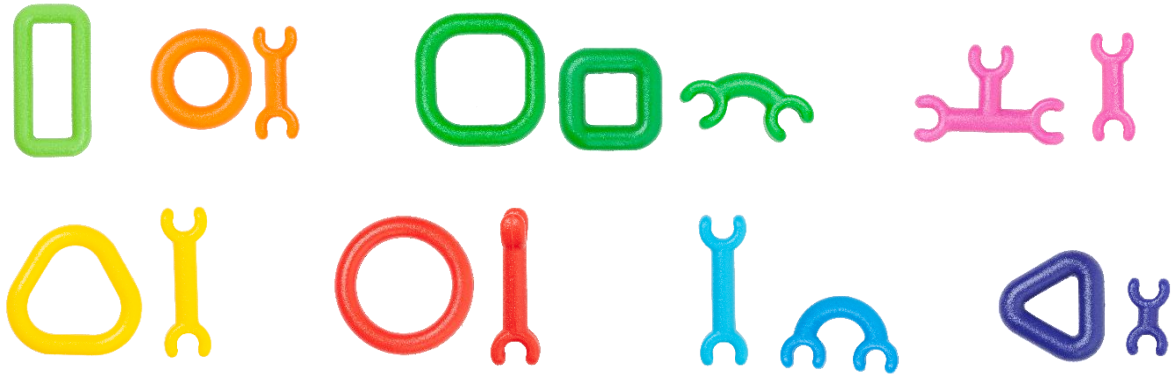
- **WHAT YOU NEED**

Place all pieces on a table

- **HOW TO PLAY**

In groups of 4 to 6 children, ask them to “clip” two pieces, then three... This first step is essential for the children to gain confidence with building. Gradually children will succeed in more and more complex constructions.

SORTING BY COLOURS



- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Discover the material by sorting pieces by colour.
Learn colours and name them.
Sorting by one criterion.
Improve verbal exchanges.

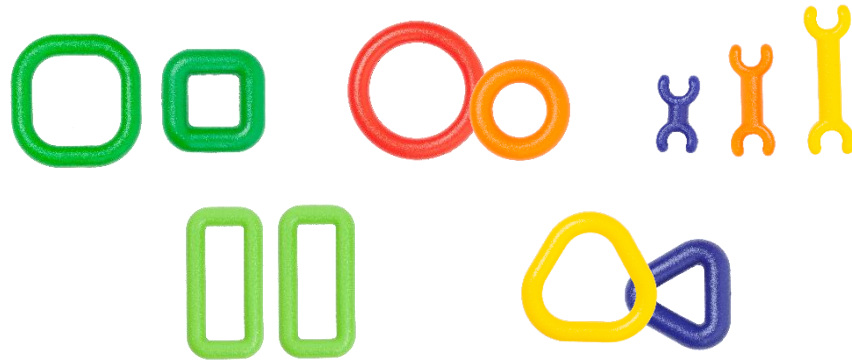
- **WHAT YOU NEED**

Place all pieces on a table, for example, inside a box.
Prepare 8 small boxes to make the sorting activity.

- **HOW TO PLAY**

In groups of 4 or 6 children, ask them to sort the pieces by colour in each of the boxes. Do not stick coloured stickers on the boxes before sorting: sorting will be better understood if they organize the boxes themselves. Make sure the instructions are understood. After having checked with them the accuracy of their sorting, ask the children to name the colours, then stick a coloured sticker on each of the boxes.

SORTING BY SHAPES



- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Discover the material by sorting pieces by shape.

Learn the shapes and name them.

Sorting by one criterion.

Improve verbal exchanges.

- **WHAT YOU NEED**

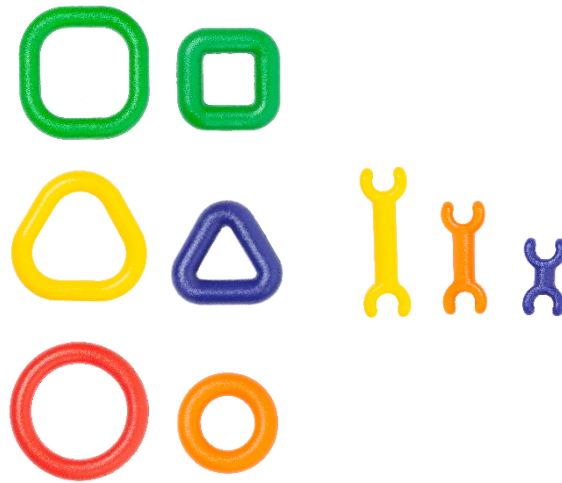
Place all pieces on a table, for example, inside a box.

Prepare 5 small boxes to make the sorting activity.

- **HOW TO PLAY**

In groups of 4 or 6 children, ask them to sort the pieces by shape in each of the boxes. Do not put stickers on the boxes before sorting: sorting will be better understood if they organize the boxes themselves. Make sure the instructions are understood. After having checked with them the accuracy of their sorting, ask the children to name the shapes, then stick a sticker of the shape on each of the boxes.

SORTING BY SIZE



- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Get acquainted with the material sorting it by size
 Learn about the concept of sizes and know how to name them.
 Sorting by one criterion.
 Improve verbal exchanges.

- **WHAT YOU NEED**

Place on a carpet, for example, a box containing all the parts.
 Prepare 3 small boxes to sort for the straight connections and 2 boxes for the shapes.

- **HOW TO PLAY**

In groups of 4 or 6 children, ask them to sort the straight connections by size "large, small, medium" in each of the boxes. Make sure the instructions are understood.

We start with straight connections because they meet the three-size criterion. After having checked with them the correctness of their sorting, ask the children to name the sizes, then stick a label symbolizing the sizes on each of the boxes.

In a second moment, ask the children to sort the shapes by size in two different "Large, Small" boxes. After having checked with them the correctness of their sorting, have them name the sizes, then stick a label symbolizing the sizes on each of the boxes.

DOUBLE ENTRY TABLE 1

○					
○		○			
△					
△			△		
□					
□					□

- **AGE** From 4 years

- **EDUCATIONAL GOALS**

Learn to sort according to 2 criteria: shape and colour.
 Learn how to use a double entry table.
 Promote verbal expression and independence.

- **WHAT YOU NEED**

Make several double entry tables on a large sheet of paper with the colours horizontally and the shapes vertically.
 Prepare all the shapes in a box.

- **HOW TO PLAY**

In groups of 4 children, explain how the double entry board works. Make some examples and then ask each child fill in a case.
 Then give a table to be completed by each child. Check with them that the filling is correct and promote expression.

DOUBLE ENTRY TABLE 2

↔	↔	↔	↔							
↔										
↔										

- **AGE** From 4 years old

- **EDUCATIONAL GOALS**

Learn to sort according to 3 criteria: shape, colour and number.
 Learn how to use a double entry table.
 Promote verbal expression and independence.

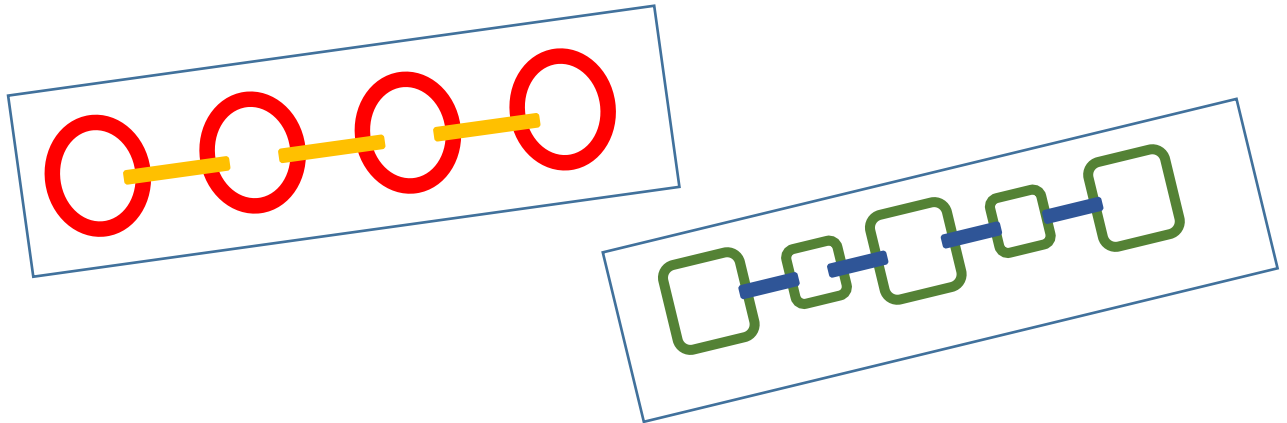
- **WHAT YOU NEED**

Réaliser sur une grande feuille de papier un tableau à double entrée avec en abscisse les couleurs et le nombre de cases pour y placer les pièces concernées et en ordonnée les connexions droites.
 Préparer dans une boîte la totalité des connexions.

- **HOW TO PLAY**

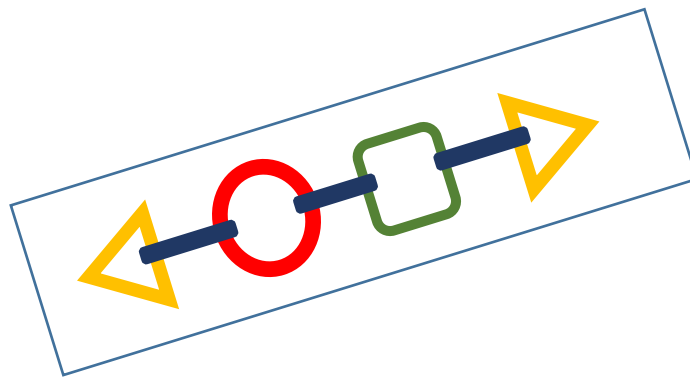
In groups of 4 children, explain how the double entry board works. Make some examples then ask each child to fill in a case.
 Then give a table to be completed by each child. Check with them that the filling is correct and promote expression.

ALTERNATIONS 1



- **AGE** From 3 years
- **EDUCATIONAL GOALS**
 Introduce the two-terms alternations
 Develop observation and follow a consignment.
 Promote verbal exchange
- **WHAT YOU NEED**
 Create work-study sheets with a computer. It's quick. Put in a box the parts will allow you to create alternations of identical shapes and colours at first. We can then introduce the size as another criterion.
- **HOW TO PLAY**
 In groups of 4 children
 Make an example or show a sheet previously prepare. Ask the children to make alternations of the shapes as they appear on the sheet.
 Check that the instructions are understood, then help the children a little bit before leaving them independent.
 Check with them the accuracy of their realization and ask to comment.
- **EXTENSION**
 Kim game: make alternation sheets on the computer and gradually leave one or more locations empty. Children will have to find the missing part (s) in the chain. This activity helps develop a sense of observation and deduction.

ALTERNATIONS 2



- **AGE** From 4 years

- **EDUCATIONAL GOALS**

Introduce the different-terms alternations
 Develop observation and follow a consignment.
 Promote verbal exchange

- **WHAT YOU NEED**

Create with a computer alternation sheets with several terms: colour, shape, size, number.
 Make them progressive in difficulty. Select in a box the parts which will allow to realize alternations with several criteria.

- **HOW TO PLAY**

In groups of 4 children
 Give a sheet to each child and ask them to reproduce what they see.
 Check that the instructions are understood, then help the children a little bit before leaving them independent.
 Check with them the accuracy of their realization and ask to comment.

- **EXTENSIONS**

Kim game: make alternation sheets on the computer and gradually leave one or more locations empty. Children will have to find the missing part (s) in the chain. This activity helps develop a sense of observation and deduction.

THE FIRST VOLUMES 1



- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Gradually learn about volume constructions.
Develop manual skills.

- **WHAT YOU NEED**

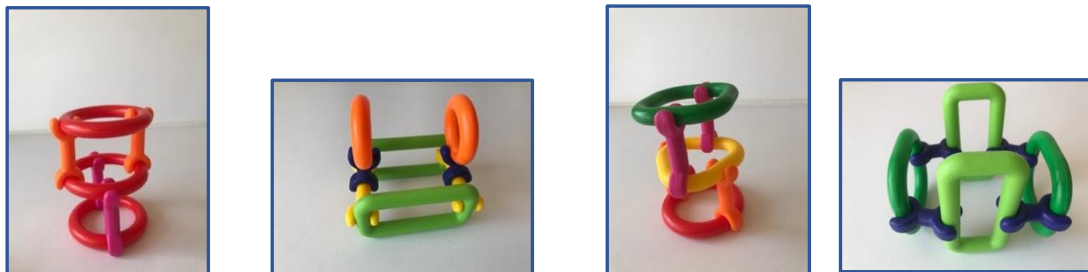
Prepare some shapes and some connectors

- **HOW TO PLAY**

Ask the children to build a volume with 3 identical shapes and 3 identical connections.
This step is essential for handling the connections, for their "clipping".

For a first approach to construction, it is easier for children to start with a simple and limited instruction than to let them build freely because the intention and the representation of their future construction is not immediately obvious.

FIRST VOLUMES 2



Constructions made by children 3 – 4 years old without models but with some imposed pieces.

- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Understand more complex volume constructions.
Develop manual skills.

- **WHAT YOU NEED**

Prepare four small groups of pieces, shapes and connections, that will be used to create solid constructions.

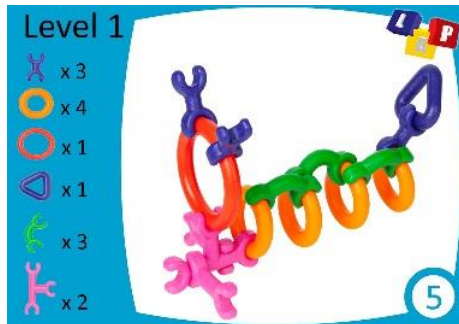
- **HOW TO PLAY**

Ask the children to build the solid they want with these pieces.

This is still an essential stage to learn to manipulate the pieces and connect them.

For a more complex approach to the building, it is easier for children to start with simple instructions and few parts. This first experimentation will allow them to approach construction with models.

REPRODUCTION ACTIVITY



- **AGE** From 3 years

- **EDUCATIONAL GOALS**

Knowing how to read an image and know how to break it down it by observation.

Reproduce a more or less complex geometric volume model.

Develop logical reasoning and the spirit of deduction.

Develop hand-eye skills.

Promote verbal exchanges.

- **WHAT YOU NEED**

Use activity sheet level 1 with progressive difficulty.

Prepare all the Clip pieces

- **HOW TO PLAY**

For 1 to 3 children. Give 1 card to each child and put all the pieces together.

Ask everyone to put aside all the parts requested on the sheet. Check with them.

Let them read the image and reproduce the composition. Support them if necessary until full realization. Check with them whether the construction conforms to the model. Make them describe and discuss.

SEQUENTIAL IMAGES



- **AGE** From 4 years

- **EDUCATIONAL GOALS**

Learn how to read an image.

Reproduce a model.

Learn how to follow a sequence step by step.

- **WHAT YOU NEED**

Use activity sheet level 2 with progressive difficulty.

Prepare all the pieces of the game and not only the ones the children need.

- **HOW TO PLAY**

For 1 to 3 children. Give 1 card to each child and put all the pieces together.

Ask everyone to put aside all the parts requested on the sheet. Check with them.

Let them read the image and reproduce the composition. Support them if necessary, until full realization. Check with them whether the construction conforms to the model. Make them describe and discuss.