



Formation of entities

AGE RANGE

5-6

Activity for...

Group with robot

Author

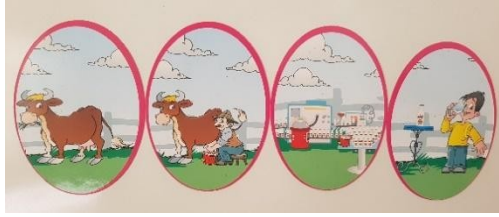
Münevver Yalçın, Hep Çocuk Kindergarten, Turkey.

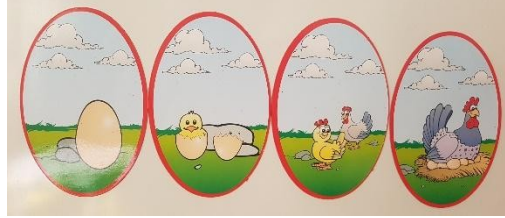
**DURATION /
TIMING:**

30-40 minutes

**REQUIRED
MATERIALS:**

- Formation (event sorting) cards of 5 objects or entities. (tree, chicken, rain, bread, milk)





- Robot DOC



- Card mat / cardboard floor to work with Robot DOC.



- Magnetic or an appropriately sized board (classboard) for sorting the cards.
- Badges or necklaces with pictures of entities on formation cards prepared to distribute roles to children.





**PREPARATION OF
THE
ENVIRONMENT:**

- The teacher and 5 students are present in the classroom environment.
- The teacher distributes badges/necklaces consisting of pictures of entities to the children.
- Activity cards are placed on the table in order, face down.
- Samples of the cards belonging to the pictures on the task badges/necklaces are also presented to the teacher.

**DETAILED
DESCRIPTION:
How the activity is
implemented?**

- The teacher stands against the group of 5 people. A conversation is made about the formation stages of an event/situation or entity. Apart from the cards to be used in the activity, a conversation is made about the formation of different objects/situations/events. For example, the children's opinions about honey and the formation stages of the butterfly are asked.
- Task badges/necklaces are distributed to the children and the pictures on them are examined. The teacher asks the children to guess about the formation of the entities on these cards. Each child is guided to present their ideas individually. Children can also help their struggling friends by giving ideas.



- Then, all the cards (cards of bread, chicken, tree, milk formation stages) showing the formation stage of the entities are placed on the table by turning them upside down. The teacher gives a child the task of turning over one of the badges/necklaces on the table. The child chooses one of the badges/necklaces. For example, let's say he/she chose a badge/necklace with a picture of bread. Whichever child has the badge/necklace of the bread picture, that child tries to find the right cards on the table and sort the cards on the magnetic board/classboard according to the formation stage.
- Wrongly sorted cards are found by asking other children's ideas and by asking questions, and it is aimed to order them correctly. The player child determines the new player by choosing one of the badges/cards on the table after he/she has sorted his/her cards. Thus, all children are guided in ordering the formation stages of the entities on their task cards.



The child finds the relevant cards from the table and pastes them on the board.

- In the second stage, cards showing the formation stage of the two



entities are placed on the mat prepared for Robot Doc.

- Task badges/necklaces are distributed to children. Cards with pictures of entities found on task badges/necklaces are placed on the table by turning them upside down.



- The teacher assigns a task to a child. He/she asks him/her to turn over one of the cards. The child who has the picture badge/necklace of the selected card becomes a player.
- The child who completes the game chooses one of the badges/necklaces and determines the new player. The child who completes the game determines the other player by choosing a badge/necklace.
- The player puts Robot Doc at the starting point on the mat and tries to complete the stages by coding.
- During the activity, if the player stops at the wrong picture during a coding;



- “Tell us an incident that made you angry, what would you do?” command is given for this card.



	<div data-bbox="594 258 878 522" data-label="Image"> </div> <ul style="list-style-type: none"> ● “Tell us a lullaby your mother told you” command is given for this card. <div data-bbox="594 600 878 865" data-label="Image"> </div> <ul style="list-style-type: none"> ● "Say something that makes us happy because you are happy" command is given for this card. ● Commands can be expanded with similar questions or it can be asked to do an imitation that the other children decide (meow like a cat, walk like a bear, jump three times, etc.). ● After both tasks on the mat are completed, the cards are replaced with new task cards. Each student is guided to complete their task.
<p>ROLES of the CHILDREN</p>	<ul style="list-style-type: none"> ● Children often collaboratively try to complete the activity/event sorting cards correctly.
<p>ROLE of the TEACHER:</p>	<ul style="list-style-type: none"> ● Prepares the class and appropriate materials for the activity, ● Guides children during the implementation of the activity, ● Observes the children during the implementation of the activity,
<p>EXTRA RESOURCES</p>	
<p>Other remarks / Hints for the implementation</p>	<p>EVALUATION:</p> <ul style="list-style-type: none"> ● At the end of the activity, whether the children have completed the formation sorting cards in cooperation, their intra-group



	<p>understanding, agreement, empathy skills and communication skills are observed.</p> <ul style="list-style-type: none">● The ability of children to solve the problems they encounter while creating a new product with patience and determination is observed.● The contribution of the DOC robot to children's cooperation, empathy, problem solving, willingness, etc. skills is observed.
References, if any	