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H702

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Tabs

Product Description

The Montessori clock exercise in Montessori history curriculum consists of a clock, with movable hands and loose numerals in a box. The set also consists of a series of cards, set of corresponding labels and stand. This exercise is meant for children to learn to tell time and the way time is differentiated into past, present and future.

Purpose

- To help the child to tell the time.
- To help the child understand past, present and future.
- To prepare the child to understand the concept of age and tell the age in years as he/ she grows up.

Exercise

- Demonstrate the exercise by bringing the clock set and placing it on the mat.
- Invite the children to sit around you as you demonstrate the way one needs to know and understand time by looking at the clock.
- As you can see, the clock is empty without any numbers or hands on it.
- Begin the exercise by picking up numbers from the box and placing it on the clock where there are holes in the hour points.
- Start with one. Pick up the number from the container and place it on the clock.
- Continue with two similarly. Finish placing all the numbers in order.
- In between the placement, invite a child to put a number.

- Tell the child in how circular form and ascending form you are placing the number.
- Now, pick up the hour hand, which is the small hand and place it in the center first.
- Pick up the minutes hand and place it on top of the hour hand. The minute hand is the bigger hand.
- The hour hand and minutes hand do not necessarily have to be placed indicating any time. You can place them randomly.
- As you place the hour hand or the minute hand, invite the child to try placing with you once so he/she gets the first hand experience.
- Inform the child that these numbers and these two hands work together to show us what the time is whenever we look at the clock.
- Show the child how the clock moves and in what direction the hands move.
- Tell the child how time is measured by pointing out to the short hand which will be at one.
- Tell the child "If the short hand is on one, then the time is one o'clock".
- Similarly, continue until twelve.
- Now, as you are in the middle of this exercise, invite the child in between to tell the time when you point at any number.
- Continue the exercise of telling the child how to understand the time between two numbers.
- Tell the child that the time between each number is five minutes. So if the short hand is at 3 and the long hand is at 1, then the time is 3: 5.
- The time span of five minutes between two numbers applies to all the numbers and the five minutes span increases as the number increases as the short hand on two means ten minutes.
- Now, tell the children that an hour has sixty minutes and the sixty minutes are divided into twelve sections of five minutes each.
- Tell the children that the long hand tells us how many minutes before or after the hour we are referring to.
- Show the children the short hand only moves a short distance in an hour, from one numeral to the next, whereas the long hand goes all the way around the clock, covering sixty minutes.
- Now, go over the time now using both hands on the clock. Proceed with a three period lesson.
- Do an exercise of clock game where you can use the cards for all of the hours.
- Now, picking up a card, show the child and tell out loud the time.
- Mix up all the cards and start picking up a random card, and invite the child to tell the time.
- Tell the child to tell what time it is and move the hands of the clock in the order.
- Encourage the child to pick another card randomly and tell the time and complete the activity by moving the hands of the clock to set the time according to the card.
- Complete the exercise by inviting more children and allowing them to participate one at a time.
- Make sure that you allow the children to practice before proceeding to the next lesson.

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