

WHAT TIME IS IT?

Purpose: Students will manipulate numbers, hour hand and minute hand to show recognition of digital time to analog time. Students will identify the hour, half hour and quarter hour.

Suggested Grade Level: K-3

Math SOL: Measurement K.9, 1.8, 2.12, 3.11

Equipment/Materials Needed: (Per group)

1. 5-6 Hoops
2. Cut out numbers 1-12
3. Hour hand and minute hand made from construction paper
***Judy clocks** (1 per pair or trio) can be used for efficiency.*
4. Prewritten index cards with digital time written on them that students should know (Ex. 4:00, 4:15, 4:45, 4:55, etc.)

Advance Preparation:

1. Place approximately 5-6 hoops out with numbers 1-12 in them and two pieces of construction paper cut to resemble hands on a clock in each of them. Hint: fasten them together with paper fasteners so they stay together
2. Place index cards face down in center of the room.

Directions:

1. Assign students to a hoop. If using Judy clocks skip to #4.
2. Instruct students to create their own clock with the items provided, setting the time to exactly 3:00. (This makes the letter L and can be used to check the spacing of their numbers on the clock.)
3. Ask students to raise their hands for work to be checked once completed.
4. Begin the physical activity when all of the clocks are set up correctly.
5. On the "Go" signal, ask the first student in each group to skip into the middle and pick up an index card and bring it back to the group.
6. Have the remaining team members perform an activity while the one team member is skipping to retrieve a card (windmills, jogging in place, jumping jacks, scissor kicks, mountain climbers, curl ups, etc.).
7. When the team member returns, that same student sets the time on the clock to the time stated on the card.
8. When the time is set, the entire group does an assigned physical activity to show they are ready to be checked.
9. Tell the group the time they have and have them show their card.
10. Instruct the next person on the team to place their time card back into the middle of the circle and return with a new time.
11. Continue steps above until all students have had a chance to go into the middle to get a card.

Teaching Suggestions:

1. Have as few students in a group as possible.

Modifications/Variations:

1. Have students keep the times that they collect at their area so that when all of the cards are gone, the activity is over.
2. Use written times for older grades; for example, quarter past 11:00, half past 1:00, ten minutes to 4:00.
3. Have the students set the clock to a specific time. Then, have students take turns setting the clock to a time given by the teacher. For example, have everyone set the clock to 3:00. Tell the first student to set the clock ahead one hour, or have them show you what time it would have been 30 minutes ago. Challenge them with what you feel they should be practicing.

This lesson was developed by the School Health Initiative Program (SHIP) for the Williamsburg James City County Public Schools (WJCCPS), Williamsburg, VA. SHIP is funded by the Williamsburg Community Health Foundation (WCHF). Parts or all of this lesson can be used and reproduced without permission provided that SHIP, WJCCPS and WCHF are credited.

