

Mini-Map for M.EE.3.MD.1

Subject: Mathematics

Measurement and Data (MD)

Grade: 3

Learning Outcome

DLM Essential Element	Grade-Level Standard
M.EE.3.MD.1 Tell time to the hour on a digital clock.	M.3.MD.1 Tell and write time to the nearest minute, and measure time intervals in minutes. Solve word problems involving addition and subtraction of time intervals in minutes, e.g., by representing the problem on a number line diagram.

Linkage Level Descriptions

Initial Precursor	Distal Precursor	Proximal Precursor	Target	Successor
Show interest in and focused attention to a task, object, or any environment stimulus. Recognize that an object can share some or none of the attributes of other objects in a group, and recognize the object that does not share any attribute with other objects in a group as "different."	Recognize measurable attributes in a variety of contexts (e.g., understand that time is measurable using both a clock and a calendar).	Identify the hour as the numeral on the left side of the colon symbol (:) and the minutes as the numeral on the right side of the colon symbol (:) on a digital clock.	Communicate the time shown on a digital clock to the nearest hour (e.g., 3 o'clock, 7 o'clock).	Communicate the time shown on a digital clock to the nearest half hour (e.g., 4:30, 6:30) or quarter hour (e.g., 2:15, 3:45, 8:15).

Initial Precursor and Distal Precursor Linkage Level Relationships to the Target

How is the Initial Precursor related to the Target?

In order to understand the passage of time and ultimately to tell time and understand its relevance, students begin by learning to focus their attention and recognize when things in their environment change or are different. In the context of learning to tell time, educators can help students attend to what is happening and contrast it with what will happen next or what happened in the past. They can draw students' attention to changes and help them notice new and different things in the environment, especially when those new and different things are associated with the passage of time.

How is the Distal Precursor related to the Target?

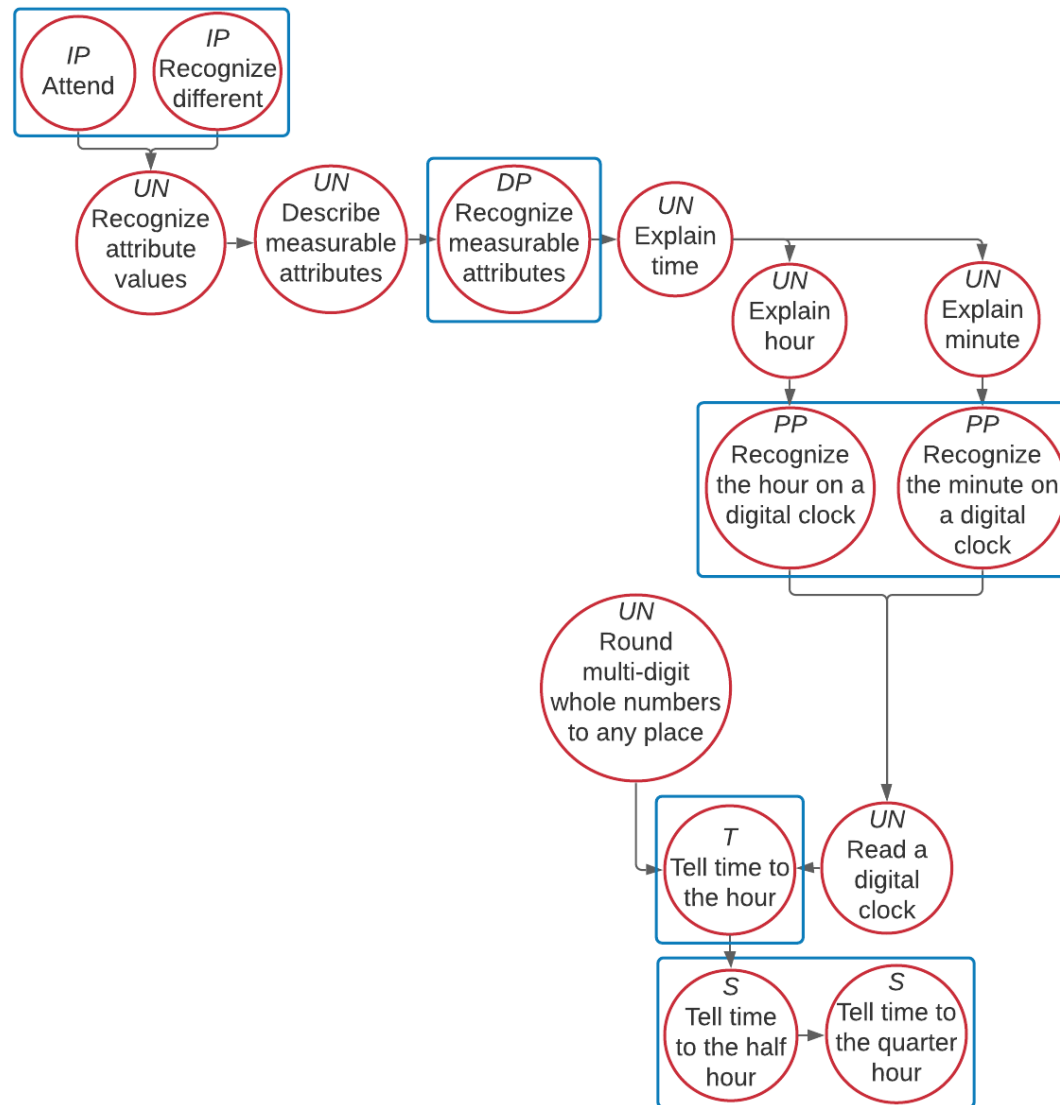
In the context of an Essential Element addressing the ability to tell time, recognizing measurable attributes refers to attributes that begin to mark time. For example, students recognize attributes such as the beginning and ending of an activity; things that are accomplished first then next; and specific time concepts such as day, night, today, tomorrow, and yesterday.

Instructional Resources

Released Testlets
See the Guide to Practice Activities and Released Testlets .
Using Untested (UN) Nodes
See the document Using Mini-Maps to Plan Instruction .

[Link to Text-Only Map](#)

M.EE.3.MD.1 Tell time to the hour on a digital clock.



Map Key	
IP	Initial Precursor
DP	Distal Precursor
PP	Proximal Precursor
T	Target
S	Successor
UN	Untested
Boxes indicate tested nodes	