Math Mammoth Clock
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Introduction

The *Math Mammoth Clock* is a worktext (meaning it contains both the teaching and the exercises) that you will find easy to teach from without the need of a separate teacher’s manual.

This book covers reading the clock, figuring out simple time intervals, and using the calendar, all in one book. The topics progress starting from the first grade level to the third grade level. Therefore, you also can let your child work the pages of this book in different time periods, and not go through it all at once, depending on your child’s current level.

The lessons are divided into the grade-levels this way: reading the clock to the half-hour is first grade material; reading the clock to the five-minute intervals is second grade; and reading the clock to the minute is third grade level. I realize this is somewhat arbitrary, and there is no need to follow it exactly. Just keep in mind that the material in this book does get more difficult towards the end.

You will need a practice clock, such as an alarm clock, where the child can turn the clock hands. Reading the clock is a skill that will be used in everyday situations, so this topic (fortunately) is one that children also learn by experience, and do not easily forget once learned.

You can make more clock reading worksheets at [www.homeschoolmath.net/worksheets/clock.php](http://www.homeschoolmath.net/worksheets/clock.php)

I wish you success in teaching math!

*Maria Miller*
Helpful Resources on the Internet

Use these free online resources to supplement the “bookwork” as you see fit.

Flashcard Clock
Read the analog clock and type in the time in digital format. Very clear clock and good fast response!

Teaching Time
Analogue and digital clock games and worksheets. Also has an interactive “class clock” to demonstrate time.
http://www.teachingtime.co.uk/

A Matter of Time
Lesson plans for telling time, interactive activities, and some materials to print.
http://learn.fi.edu/time/Journey/JustInTime/contents.html

Elapsed Time Line
This interactive tool shows 2 clocks that have fingers to drag to set a “from” and “to” time, and a number line. You can demonstrate how to use a number line to calculate elapsed time.
www.teacherled.com/2008/10/05/elapsed-time-line/

Clockwise
Enter a time, and the clock will run until it reaches it, or the clock runs to a time, and you type it in.
http://www.shodor.org/interactivate/activities/ClockWise/

The Right Time
A couple of interactive exercises about reading the clock.

What Time Is It?
Look at the analog clock and pick the digital clock that shows the same time.
http://www.primarygames.com/time/start.htm

Time-for-Time
Resource site to learn about time: worksheets, games, quizzes, time zones.
http://www.time-for-time.com/default.htm

Analog and Digital Clocks
These clocks show you the current time, side by side. Useful for illustration.
http://nlvm.usu.edu/en/nav/frames_asid_316_g_2_t_4.html

What Time Will it Be?
Move the hands on the clock to show what time it will be after certain amount of minutes.
http://nlvm.usu.edu/en/nav/frames_asid_318_g_2_t_4.html

Sample worksheet from
www.mathmammoth.com
Match Clocks
Make the digital clock to show the time given with the analog clock.
http://nlvm.usu.edu/en/nav/frames_asid_317_g_2_t_4.html

Time Calculations from BBC BiteSize
Three pages of examples of time calculations, followed by a 10-question quiz.
http://www.bbc.co.uk/bitesize/standard/maths_i/measure/time_calc/revision/1/

That Quiz: Time
Online quizzes for all time-related topics: reading the clock, calculating the time that has passed, adding or subtracting time, converting time units, and changing time zones. The quizzes have many levels, can be timed or not, and include lots of options for customization. Easy to use and set up.
http://www.thatquiz.org/tq-g/math/time

Elapsed Time Worksheets
Generate printable worksheets for elapsed time. You can practice the elapsed time, finding the starting time, or finding the ending time. The time interval can be to the accuracy of 1 minute, 5 minutes, 10 minutes, 15 minutes, 30 minutes, or whole hours.
http://www.mathnook.com/elapsedtimegen.html

On Time
Set the clock’s hands to the given time. Four different levels.
http://www.sheppardsoftware.com/mathgames/earlymath/on_time_game1.htm

Clock Shoot
A game where you need to click on the clock with the matching time (analog or digital). Three different levels: whole hours, half hours, or quarter hours.
http://www.sheppardsoftware.com/mathgames/earlymath/clock_shoot.htm

Calendar Song
This girl sings the months of the year with gestures.
http://www.youtube.com/watch?v=IwdQegySW-0

Calendar Quiz
Click on the correct date on the calendar to answer questions such as, “What is the first Monday of this month?”
http://www.softschools.com/math/calendar/activities/calendar_game/

Create Your Own Calendar
Choose a month and a year, then add your own text to each day and generate the calendar.
http://www.janbrett.com/calendar/calendar1.php4

Months Game
Help Tom the Zebra get ready for bed by clicking and dragging the months into the correct order.
http://www.roythezebra.com/reading-games/high-frequency-words-months.html

Days of the Week Game
Help Tom the Zebra get ready for bed by clicking and dragging the days of the week into the correct order.
http://www.roythezebra.com/reading-games/high-frequency-words-days.html

Sample worksheet from
www.mathmammoth.com
It’s a Date
An online quiz about dates on a calendar.
http://www.beaconlearningcenter.com/WebLessons/ItsADate/default.htm

12 Months of the Year
Drag the months into the correct order and help the monkeys get a banana.
http://www.abcya.com/months_of_the_year.htm

Monkey Fun Game
Practice months of the year and ordinal numbers with this interactive game.
http://www.eslgamesplus.com/months-and-ordinal-numbers-esl-vocabulary-game-activity-online/

Memory Game For the days of the week.
http://www.eslgamesplus.com/days-of-the-week-esl-vocabulary-game/

Crazy Clock
A matching game for two players where you match the analog time given by the clock to a digital time given by cards, but just like in a normal matching game, you need to click on a card to flip it and see the digital time.

Sample worksheet from
www.mathmammoth.com