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#1190P

STUDENT CLOCK

 Develop the concept of time.







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# STUDENT CLOCK

#### Introduction

No matter where we are or what we do, time is contact. From time to time, people have found out various ways to measure time. From the use of sundials and pendulums to the invention of automatic, synchronous, and calendar clocks, the mechanics of timekeeping has been an important part of all cultures throughout the centuries.

### Student Clock Features

- 1. Clock face sizes 13cm in diameter
- 2. It can stand on a support fixed on the back of the clock, or lie down when the support is collected.
- 3. The hour and minute hands are geared.
- 4. It shows 12 & 24 hours and 60 minutes with numbers and graduations.
- Simple to use and easy to read.
- 5. Interactive with #1014 Magnetic Teaching Clock in teaching & learning the time.

### Teaching the child to tell the time

Let's start with the minute hand. Tell them that each time it goes around is one hour. Next, have them count the minutes on the clock and show them that every time the minute hand goes all the way around, the hour hand moves one number. Then have them time different things that might be an hour or less...a trip to school, lunch break time-etc. Continue to talk this subject for about a week.

Then point out that every time the hour hand moves to another number, the minute hand is on the twelve. When the minute hand is on the 12. It is called o'clock (of the clock) and we read the number that the hour hand is pointing to. For example: 6 o'clock!

After that, they can learn the half hour and the quarter hour...and then learn to recognize the actual minutes.

Through practicing above method for several weeks or even months, the child will really know how to tell time, and will never forget it. They may know how to teach it too.

### How Student Clock can stand up

Steps	Step 1	Step 2	Step 3
Illustration			
Expound	Turn down the support.	Push the support against the back of the clock until a "click" is heard to lock the pins.	Then the clock can stand on the support.

### How Student Clock can lie down

Steps	Step 1	Step 2	Step 3
Illustration			111 12 7 2 9 3 8 7 6 5
Expound	Pull back the support until a "click" is heard to release two locked pins.	Turn up the support and lock it to the slots on the back of the clock.	Then the clock can lie down on the tabletop.

# NOTE

Don't press the Student Clock heavily when it stands on the support or the support might be broken.



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# 學生時鐘

## 簡介

無論我們在何處或正做何事,皆與時間息息相關。人們隨時都可發現衡量時間的各種方式,從使用日晷及鐘擺,到發明自動、同步且具有日曆的時鐘,計時的機制已成為各世紀中所有文化的重要部份。

#### 學生時鐘特色

- 1. 鐘面尺寸為直徑13公分。
- 2. 其可透過鐘背面的支架固定站立,或當該支架收起時平躺。
- 3. 時針及分針係靠齒輪運作。
- 4. 其可以數字及刻度顯示12暨24小時及60分鐘,易於使用且容易閱讀。
- 5. 可與#1014磁性教學時鐘共同使用,以教授及學習時間。

### 教小朋友學習看時間

當小朋友能分辨長針和短針的時候,就表示他們能開始學習看時間了。讓我們從分針開始,先告訴他們當分針走一圈時,就代表一小時。然後,和他們一起數時蓮上共有幾分鐘,並請他們注意 長針每走一圈,短針就會往前跳一個數字。同時可以請他們舉例日常生活中,哪些是需要花約一 小時才能完成。

例如:從家裡到學校的車程、喜歡的電視節目時間、中午休息時間有多長...等。

持續這個教學主題約一個星期,讓小朋友熟悉它。

接下來請小朋友注意,每次長針走到12的時候,短針總是走到下個數字。當長針走到12的時候, 我們叫它〝點鐘〞。而且我們只噫短針指著的數目,例如:6點鐘。

再來,小朋友就能學一刻鐘的說法,進而認識每一分鐘。

等小朋友練習上述的方法數週甚至數月後,小朋友就真的懂得看時鐘,而且永遠都不會忘,甚至 價能教別人呢!

#### 如何操作學生時鐘站立步驟:

	步驟	步驟1	步驟2	步驟3
	圖示			
I	説明	將支架往下壓	將支架延著鐘背面下壓,直到聽 到「喀」一聲而鎖住卡栓為止	接著鐘便可靠支架站立

### 如何操作學生時鐘平躺步驟:

步驟	步驟1	步驟2	步驟3
圖示			11 12 2 9 3 8 7 6 5
説明	將支架拉回,聽到「喀」一聲 而打開卡栓為止	將支架上提,並將其卡在 鐘背面的插槽中	接著鐘便可平躺在桌面

## 註釋

當學生時鐘以支架站立時,請勿重壓,否則支架可能會斷裂。

