

Monday.

The Standard 英文虎報

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Goodies



Tick tock, tick tock

STEVIE and his family travelled to Berlin (柏林) recently. They saw the World Time Clock there. "Do you know how people checked the time before we had clocks?" asked his dad. Stevie did not know. His parents then took this chance to talk about the various timekeeping tools across history.



Clocks are very advanced now, but the tricks people used in the past to tell the time are amazing!

Wow! I can even check Hong Kong's time from Germany!

Editor's Note

Hi everyone! What is time? It is not easy to explain, but what I do know is that when the hands on the clock keep moving, those seconds are gone and we can never get them back. That is why people say *carpe diem*, which means 'seize the day'. You have to live every second of your life as if it is your last and not waste time. Do not think you will do things tomorrow because tomorrow never comes. Turn to G02 to see how time was measured in the past. Elsewhere in *Goodies*, we have a story on G05 about a boy who does not like to take showers and so really smells! I shower every day because Hong Kong is hot and I sweat a lot. You would not want to sit next to me on the bus in the summer!



Simon



Obelisks (方尖碑)

THE ancient Egyptians (埃及人) are believed to be the first to **divide** the days into hours. They used the markings on obelisks and the moving shadow from the Sun to tell the time.



Shadows, water and sand. It is like Earth is one big clock!



Sundial (日規)

THE sundial in Egypt was the first **portable** timekeeping device ever found on Earth. People read it using the shadow **cast** by the Sun. It divided time into 12 equal parts of daytime and nighttime.

► An Egyptian sundial



Water clock (水鐘)

THE water clock measures time with the flow of water. It either flowed out of or filled up a **container**. People checked how much time passed by observing the level of the water.



▲ A Chinese water clock



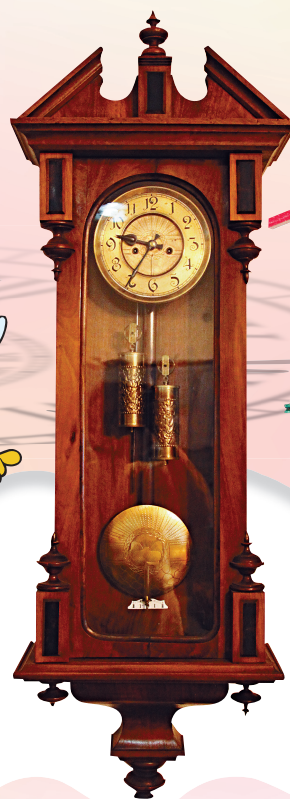
Hourglass (砂漏)

THIS was invented after the water clock. **Sailors** changed from water to sand since it was more **accurate** to use. It has been used for other purposes since then, such as timing cooking.



Pendulum clock (擺鐘)

THIS is a mechanical clock. The swinging pendulum is the main clock part used to keep time.



◀ Vienna regulator wall clock



G TIPS

The invisible clocks

Living things have 'biological clocks' that time their living patterns. For animals, roosters crow in the morning and squirrels store nuts for the winter. For plants, trees lose their leaves in autumn, new leaves grow in spring. For humans, this clock lets us know when to sleep and eat every day.

