

為配合常識科教學內容「宇宙窺探」，小五學生在全方位學習日中參觀了香港太空館。學生參觀了館內的展覽廳，透過有趣的互動展品，學習天文及太空科技的新知。





迴旋太空人 Spin Around

曾否試過以繩子繫著地球儀頂部轉動?

太空物品
Space Objects

國際太空
Cosmos

CAUN TOK



迴旋太空人 Spin Around

Ever tried swinging a ball on a string around your head?

Light is even better! It glows and glows like a ball on a string around your head. The more you spin, the brighter it gets. Can you spin it for 30 seconds?

Light comes from atoms and needs to spin around your head to stay in place. Spin it for 30 seconds and you'll see it spin!



太空探索展覽廳

Hall of
Space Exploration



1973.12.1

九龍10號 PIONEER 10



發現木星磁場
 發現：木星磁場與地球
 相似，木星磁場比地球
 強100倍。木星磁場是
 太陽系中最強烈的磁場。
 木星磁場是由於木星
 內部液態氫的運動而
 產生的。

發現木星磁場
 發現：木星磁場與地球
 相似，木星磁場比地球
 強100倍。木星磁場是
 太陽系中最強烈的磁場。
 木星磁場是由於木星
 內部液態氫的運動而
 產生的。

木星磁場
 木星磁場是由於木星
 內部液態氫的運動而
 產生的。

木星磁場
 木星磁場是由於木星
 內部液態氫的運動而
 產生的。

Put the Jupiter in Earth's orbit and
 see how much brighter it would
 appear in the sky.





German scientist Thomas Johann Seebeck (1770-1831) discovered the phenomenon of a closed circuit formed with two dissimilar conductors (1785-1845) discovered independently that when an electric current passes through two junctions of a closed circuit formed with two dissimilar conductors, a temperature difference between the hot and cold junctions is produced when there is a temperature difference between the two junctions. The Seebeck and Peltier effects are the two faces of the same physical process and are collectively known as thermoelectric effect.

Thermoelectric generators applied to a spacecraft are based on Seebeck effect. The generator makes use of the temperature difference between the hot and cold junctions of thermoelectric devices. Peltier effect is commonly used for temperature control or refrigeration, such as precision measurement of temperature electronics and scientific instruments, and keeping a small refrigerator cool.

THE PIONEER 10 SPACECRAFT WAS THE FIRST INTERPLANETARY ROCKET CRAFT TO BE LAUNCHED BY THE UNITED STATES. IT WAS THE FIRST CRAFT TO VISIT JUPITER AND SATURN. IT WAS THE FIRST CRAFT TO TRANSMIT DATA FROM ANOTHER PLANET TO EARTH. IT WAS THE FIRST CRAFT TO USE SOLAR PANELS FOR POWER. IT WAS THE FIRST CRAFT TO USE A THERMOELECTRIC GENERATOR FOR POWER.

PIONEER 10
1001017-1024744
1001017-1024744





地球
Earth

金星
Venus

7.11 太阳系
Solar System

THE SOLAR SYSTEM
PLANETS AND MOONS

香港太空館
HONG KONG SPACE MUSEUM



Next Show will start in



BE HEALTHY
WELL-BEINGING
This will help you
to understand the
importance of the

