



# The night sky

## ZOOM IN

**altitude** (n) height above sea level 海拔 | 海拔

**antenna** (n) a wire or rod used to receive signals 天線 | 天线

**archaeologist** (n) an expert in the study of the ancient past 考古學家 | 考古学家

**brooch** (n) a piece of jewellery with a pin which can be fastened to our clothes  
胸針 | 胸针

**catalogue** (n) a book which lists out many items 目錄 | 目录

**circumference** (n) the length of the longest possible line around a sphere 圓周 | 圆周

**clan** (n) a group of families that share the same family name 氏族 | 氏族

**echolocation** (n) a method to locate nearby objects by giving out high-pitched sounds and receiving the reflected sounds 回聲定位 | 回声定位

**gravity** (n) the force that makes things fall 地心引力 | 地心引力

**horizon** (n) the line where the ground seems to touch the sky 地平線 | 地平线

**infrared rays** (n) the radiation given out by objects according to their temperature  
紅外線 | 红外线

**monolith** (n) a large block of stone 石柱 | 石柱

**observatory** (n) a place where scientists observe the sky and the universe  
天文台 | 天文台

**orbit** (v) to follow a curved path 環繞軌道運行 | 环绕轨道运行

**out of spite** (phr) because you are angry with someone and want to hurt them  
出於惡意 | 出于恶意

**refract** (v) to change the direction of light when it passes through water or glass  
折射 | 折射

**tunic** (n) a specially shaped short coat worn by soldiers 緊身短衣 | 紧身短衣

## INVESTIGATE

**artificial** (adj) manmade 人造 | 人造

**debris** (n) pieces of something bigger 碎片 | 碎片

**eclipse** (n) the blocking of the sunlight when the moon passes between the Sun and the Earth 日蝕 | 日蚀

**erupt** (v) to throw out something forcefully 爆發 | 爆发

**filter** (n) a device which blocks particular types of light 過濾器 | 过滤器

**flare** (n) a sudden increase of burning flames 突然爆發的火焰 | 突然爆发的火焰

**rotation** (n) turning around a fixed point 旋轉 | 旋转

**satellite** (n) a natural object moving around a larger object in space 衛星 | 卫星

**sparkle** (v) to shine brightly with a lot of small points of light 閃耀 | 闪耀

**PICS & FACTS**

**at your service** (phr) willing to do what is told 聽候吩咐 | 听候吩咐

**coronation** (n) a ceremony at which a person is made king or queen  
加冕典禮 | 加冕典礼

**decode** (v) to find out the meaning of some secret information 解碼 | 解码

**descendant** (n) a relative who lives after you 後代 | 后代

**glyph** (n) symbols in the form of pictures in some writing systems  
象形文字 | 象形文字

**in my favour** (phr) to my advantage 佔有優勢 | 占有优势

**irrigation** (n) the supply of water to lands or crops to help growth 灌溉 | 灌溉

**magnificent** (adj) terrific 極好 | 极好

**prediction** (n) a guess about the future 預測 | 预测

**scatter** (v) to place things over a wide area 分散 | 分散

**sentence** (v) to decide what a punishment will be 判刑 | 判刑

**WILD LIFE**

**cling on to** (phr v) to hold onto something tightly 依附 | 依附

**flexible** (adj) easy to bend without breaking 柔韌 | 柔韧

**flit** (v) to fly quickly and lightly 輕快地飛 | 轻快地飞

**grip** (v) to hold tightly 緊握 | 紧握

**hibernate** (v) to spend the winter sleeping 冬眠 | 冬眠

**rustling** (adj) making a sound when things rub against each other  
發出摩擦聲 | 发出摩擦声

**species** (n) a set of animals or plants whose members are similar to each other  
物種 | 物种

**WHAT CAN YOU SEE?**

**docking port** (n) parking space 停泊處 | 停泊处

**unidentified** (adj) cannot tell who they are 無法認出 | 无法认出

**FUN FACTS**

**abdomen** (n) the lower part of an animal's body 腹部 | 腹部

**captive** (adj) being kept in a place and not allowed to leave 被困 | 被困

**cetacean** (n) a mammal that lives in the sea 鯨目動物 | 鲸目动物

**dentine** (n) the hard substance which forms the main part of your teeth  
under the enamel 象牙質 | 象牙质

**dissolve** (v) to melt in a liquid 溶解 | 溶解

**enamel** (n) the hard surface of your teeth 琺瑯質 | 珐琅质

**grind up** (phr v) to make things into pieces or powder by crushing or pressing them  
with hard surfaces 擠壓 | 挤压

**pierce** (v) to make a hole using a sharp point 刺穿 | 刺穿

**snap** (v) to break suddenly with a loud cracking sound 突然折斷 | 突然折断