

G7 Vocabulary List - Unit: 'Science and Us'

| Word | Meaning | Sample Sentence |
|--------------------|---------------|---|
| discover | v. 发现 | Scientists discover new species in the rainforest every year. |
| experiment | n. 实验 | The students did an experiment with plants in science class. |
| invent | v. 发明 | Thomas Edison invented the light bulb. |
| laboratory | n. 实验室 | The scientists work in a clean laboratory. |
| machine | n. 机器 | This machine can wash your clothes automatically. |
| pollution | n. 污染 | Air pollution makes it hard to breathe in big cities. |
| research | n. 研究 | My brother does research on animals at the university. |
| disease | n. 疾病 | Washing your hands helps prevent disease. |
| cancer | n. 癌症 | The doctor is working to find a cure for cancer. |
| cure | n. 疗法; 解药 | Scientists are looking for a cure for the common cold. |
| statement | n. 声明 | The teacher made an important statement about the exam. |
| comment | n. 评论 | Please comment on my drawing and tell me what you think. |
| consequence | n. 后果 | One consequence of not studying is getting bad grades. |
| fuel | n. 燃料 | Cars need fuel to run. |
| transport | v. 运输 | Buses and trains are types of public transport. |
| observe | v. 观察 | We observe the stars with a telescope. |
| investigate | v. 调查 | The police investigate crimes. |
| realise | v. 意识到 | I realise now that I made a mistake. |
| improve | v. 改进 | Practice every day to improve your English. |
| design | n. 设计 | She likes to design clothes in her free time. |
| skateboard | n. 滑板 | The boy rides his skateboard in the park. |
| pill | n. 药丸 | Take this pill if you have a headache. |
| patch | n. 补丁 | I need to sew a patch on my jeans. |
| coordinates | n. 坐标 | The treasure map shows the coordinates where to dig. |
| undercover | adj. 地下的 | The undercover police officer wore normal clothes. |
| secret | adj. 秘密的 | Can you keep a secret? |
| towards | prep. 朝, 向 | The dog ran towards its owner. |
| away from | phrase 远离 | The cat ran away from the dog. |
| backwards | adv. 向后 | He can walk backwards without looking. |
| forwards | adv. 向前 | The team moved forwards to attack. |
| up and down | phrase 上下地 | The child jumped up and down with excitement. |
| around | prep. 环绕 | We walked around the lake. |
| forum | n. 论坛 | Students can ask questions in the online forum. |
| alchemist | n. 炼金术士 | In the past, an alchemist tried to turn metal into gold. |
| archaeologist | n. 考古学家 | The archaeologist found ancient pottery in the desert. |
| principle | n. 原则 | Honesty is an important principle. |
| connection | n. 联系 | There is a connection between exercise and good health. |
| second conditional | grammar 第二条件句 | In the second conditional, we use "if" and "would." |
| would | modal v. 会 | I would help you if I could. |
| could | modal v. 能 | She could swim when she was five years old. |
| probable | adj. 可能的 | It is probable that it will rain tomorrow. |
| improbable | adj. 不可能的 | It is improbable that it will snow in summer. |

| | | |
|----------------|----------|---|
| criteria | n. 标准 | The criteria for joining the team include good grades and attendance. |
| evaluate | v. 评估 | The teacher will evaluate your project next week. |
| compare | v. 比较 | Let's compare these two maps to find the differences. |
| electricity | n. 电 | We use electricity to power our homes. |
| discovery | n. 发现 | The discovery of penicillin saved many lives. |
| invention | n. 发明 | The telephone was an important invention. |
| equipment | n. 设备 | We need special equipment for this science project. |
| belief | n. 信仰 | It is my belief that all people should be treated equally. |
| universe | n. 宇宙 | There are billions of stars in the universe. |
| planet | n. 行星 | Earth is the third planet from the sun. |
| sail | v. 航行 | The boat can sail across the ocean. |
| microscope | n. 显微镜 | We use a microscope to see very small things. |
| nanotechnology | n. 纳米技术 | Nanotechnology works with extremely tiny particles. |
| theory | n. 理论 | Einstein's theory of relativity changed science. |
| tremor | n. 轻微地震 | We felt a small tremor during the earthquake. |
| cylinder | n. 圆柱体 | The engine has six cylinders. |
| detect | v. 探测 | Dogs can detect smells that humans cannot. |
| pit | n. 坑 | Be careful not to fall into the pit. |
| curious | adj. 好奇的 | The curious child asked many questions. |
| adventure | n. 冒险 | Going camping in the forest was a great adventure. |