原力英语B2 全场景覆盖表达

口语主题陈述——科技类

TECHNOLOGY

Technology (n.) Countable and Uncountable

Technology is powerful (uncountable)
A.I. is a powerful technology (countable)

Tech = art, skill, craft. - **ology** = subject of study

What is 'technology'?
 "Scientific **knowledge** used to solve problems"

We can use it to…
create tools….. (a
pen, an i-phone)
improve **processes**
(communication)

These tool / process / systems are also called technology!

COLLOCATIONS

All of the following more or less mean 'new'
New technologies
Latest technologies
Emerging technologies
Modern technologies

The following are also common collocations with 'technology'
Disruptive_____
破坏性的
Cutting edge_____尖端，最前沿
State-of-the-art_____最先进的，达到最高水准的
Upcoming_____即将来临的
Old-fashioned_____过时的
Out of date_____过时的

VERBS + TECHNOLOGY

Introduce / adopt / develop / exploit / use new technologies

They should be allowed to wait for cheaper technologies to be developed.

We want to introduce the latest technology into schools.

As computer systems become even more sophisticated, so to do the methods of those who exploit the technology.

Sometimes small businesses are typically able to adopt and take advantage of emerging communications technology more quickly than can large businesses.

WORD FAMILY
Technology (n.)
Technical (adj.)
Technological (adj.)

Technical skills / knowledge

It's a bit technical.
(=difficult to understand) Say it in
layman's terms. (=simple English)

technological advances 科技进步
technological change 科技革新
a major technological breakthrough 重大科技突破

EMERGING TECHNOLOGIES

AI = the simulation of human intelligence in machines that are programmed to think like humans and mimic their actions.
VR is a computer-generated environment with scenes and objects that appear to be real (e.g video games, pilot simulation
IoT = refers to a system of internet-connected objects that are able to collect and transfer data over a wireless network without human intervention (e.g. energy management, water distribution, contactless payments, smart homes
Biometrics identifies and authenticates individuals based on their physical or behavioral characteristics. (e.g. Fingerprint recognition, voice recognition, face recognition)
Robotics - developing robots that substitute for (or replicate) human actions (e.g Roomba vacuum, car manufacturing

SPEAKING TIP
Technology is not really my thing, but I think…
I'm by no means an expert, but I would say…
I'm a bit of a technology buff, and the way I see it…
I'm far from an expert, but as I see it…

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TECHNOLOGY: A GOOD OR A BAD THING?

正面影响

For daily life
It enhances all aspects of life:

1. 提高生活质量
It boosts the quality of life (the popularity of various household/domestic appliances)

2. 健全的交通系统
We have well-developed transportation system

3. 改变消费习惯和支付习惯
It has changed our shopping habit (from physical stores to online shopping). Payment (from cash or credit cards to e-payment system like Alipay or Wechat).

4. 改变工作和学习方式
It has changed our way of studying/working: telecommuting/distance learning. People won't bother with traffic congestions.

5. 提供了解信息的渠道
It offers us different channels to acquire information: news apps, e-books and videos.

6. 改变人们的沟通方式
Form letters to social media, we can socialize with friends around the world. (make video calls, distance is no longer a concern)

7. 各种便民App
Useful apps which bring convenience and make our life more efficient.

For education

1. 现代化教育提高效率
The application of modern teaching technology improves the efficiency

2. 高科技产品推动科研的深入
In the research field, the high tech products make it possible for researching in extreme conditions like polar regions, primitive forests and deep oceans.

For farming

提高食品产量，减少饥荒

High technology boosts the grain yield and reduces famine. The improvement of faming method/techniques and farming equipment saved much time and energy for farmers.

For medical field

治愈难疾，延长寿命

The high technology can cure more diseases than the past and prolong our lifespan.

负面影响

1.环境的代价

Some of the new technology is developing at the cost of environment, and we have caused some irretrievable damage to the nature, and the extinction of creatures are speeding up.

2. 人与人之间疏离

People become alienated from each other because we depend too much on/heavily rely on high technology products, neglecting communication in reality.

3.缺乏自律的人容易沉溺，荒废时间

People who lack self-discipling are inclined to be addicted to digital products, idling away their time.

IDIOMS TO TALK ABOUT TECHNOLOGY

The technology behind a pen is **not rocket science** = It's simple

My computer is **running like clockwork** (= working perfectly)

The iPhone **was** ahead of its time (=too advanced to be fully understood at that time in the past)

You've **hit the nail on the head** (= *you are exactly right*)

I've no more ideas, I have **run out of steam** (= *lost all energy and enthusiasm*)

My boss **has a screw loose** = (crazy)

New technologies **cost an arm and a leg** (=expensive)

to hit the **panic button** =take emergency measures

科技类常见问题汇总

1.Do you use any gadgets on a daily basis?

2.How often do you use Internet?

3.Do you own a computer? If so, how often do you use it and for what purposes?

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4. Do you think we need to know much about computers?

5. What is the most impactful piece of technology in our lives?

6. How computers affect our everyday life?

7. How effective is the use of computers in the classroom?
   How often do you use your mobile phone?

8. Can you describe your mobile phone?

9. How has your mobile phone changed your life?

10. What is the best age for children to start computer lessons?

11. Do you think that schools should use more technology to help children learn?

13. Do you agree or disagree that computers will replace teachers one day?

14. How much has technology improved and how we communicate with each other?

15. Do you agree that there are still many more major technological innovations to be made?

16. Could you suggest some reasons why some people are deciding to reduce their use of technology?

17. What are some great inventions you know about?

18. Do you think that the advance of technology has improved standards of education in schools?

科技类口语陈述

Describe your favorite gadget.
You should say:

What is it

When did you get it

How often do you use it

and say why is it so important to you.

Describe a time when you started using a new technological device (e.g. a new computer or phone)
You should say:

What device you started using

Why you started using this device

How easy or difficult it was to use

And explain how helpful this device was to you.

Talk about some technology that you have started using fairly recently.
You should say:
What it is and what it does
How it makes life better or easier
How it is different to other similar technology
And say whether you think you will still be using it in ten years' time or not, and
why

Describe the effects of technology in your school. • You should mention:
What the technology is
When it appeared in your school
Whether it could replace a human teacher
And explain the negative and positive effects it has