

**课时学习目标:**

能识别科普文章的文体特征，如内容、结构和语言方面的特征；

能依据科普文的核心观点和支撑论据概括三个科学实验；

能借助因果分析，进一步探究语言学习对大脑和思维方式的影响，提升学习外语的积极性。

**Part I: Skim the passage and identify the benefits of learning a new language.**

**1. What is the passage mainly about?**

The passage is mainly about the effects of learning a new language on your brain.

**2. What are the possible effects of learning a new language on your brain?**

- Developing the brain
- Tuning out distractions
- Delaying Alzheimer's disease

**Part II: Scan the passage and comb the key information of them.**

Part	Paragraph(s)	Purpose	Topic Sentence
1	1	To raise the thesis	But the effect this studying has on our brain is nothing short of magical.
2	2-4	To put forward the arguments	P2: Language learning makes the brain grow bigger. P3: Learning a new language could help us focus better. P4: Providing your brain with a workout has considerable health benefits.
3	5	To summarise and reinforce the argumentation	Ready to give your brain a workout?

**Part III. Identify the key factors of scientific experiments and studies.**

Scientific experiments and studies	Argument 1	Argument 2	Argument 3
Subject	Students who went through a demanding language learning programme	individuals who speak one or two languages	/
Process	Both groups were given MRI scans	listen to a word and then select the corresponding image	/

<b>Result</b>	The researchers discovered brain structure changed only in the language learning group.	Individuals speaking two languages were better at filtering out the distracting words.	A link between being bilingual and delaying the beginning of Alzheimer's disease was found.
<b>Conclusion</b>	The results suggest that language learning is a promising way to keep the brain in shape and offers enhanced cognitive benefits that outperform other forms of study.	/	The reason for this delay, the researchers believe is that learning a language challenges our grey cells, which helps prevent them from becoming worse as we age.

**Part IV: Watch a video clip and summarize more effects of learning a new language on our brain.**

**Can you name more benefits of learning a new language mentioned in the video?**

- Learning a new Language can improve your memory and make you smarter because learning a new language can cause some brain areas to increase in size.
- Learning a new Language can help you learn more language faster in later ages because bilingual learners have a perceptual sensitivity.