INTERCONNECTED

Focus Morpheme	
Prefix	*inter-*
Pronunciation	The prefix *inter-* is pronounced as it looks: /in-ter/.

Etymology of *inter-*	
Origin	Latin
Meaning	among; between
Example: internet	Look at the word ***internet***. In this word, *net* is short for *network*. If the prefix *inter-* means "among or between," then the word ***internet*** means "among or between networks."

Vocabulary

- **internet**
- **international**
- **internationally**
- **interconnected**
- **interact**
- **interview**
- **interrupted**
- **interception**

Activating Prior Knowledge

- What do you know about computer networks or the **internet**?

- What do you use the **internet** for? What else can it be used for?

INTERCONNECTED

Can you imagine the world without the **internet**? Computers and networks are **interconnected**. Thanks to the **internet**, we can **interact** with people all over the world. We can also shop, connect with wildlife through live cams, watch videos, and listen to music. One of the most common uses of the **internet** is to find information. When we search for something online, we are using what is known as a search engine.

Meet Alan Emtage

Alan Emtage is a computer scientist. He created the world's first **internet** search engine in 1989. The search engine was called ARCHIE. Many of today's powerful search engines use the ideas that Emtage first developed.

Emtage was born in Barbados. He moved to Canada to attend McGill University in Montréal, Québec. He studied computer science at university. He was still a student when he made the first version of his search engine. Emtage now lives and works in the United States.

Emtage is an **internationally** recognized computer scientist. He has also been inducted into the **Internet** Hall of Fame!

Did You Know?

The **Internet** Hall of Fame was started in 2012. It honours people from around the world who have helped develop the **internet**, from its earliest days to today. Members include engineers, computer scientists, educators, security experts, and many others.

INTERNET
HALL *of* FAME®

What kind of information can be searched for on the **internet**? Whatever you are **interested** in...

- Watch an **interview** with your favourite singer!
- Research information about your favourite animal.
- Find a new cake or cookie recipe.
- Is everyone talking about the **interception** that lost last night's game? Watch a replay!

Has your **internet** connection ever been **interrupted**? How did you feel? Imagine if you could not access the **internet** at all. We might assume that everyone has access to the **internet**. Unfortunately, that is not true. There are many people in the world who do not have access. The United Nations wants **internet** access to be considered a basic human right.

Vocabulary
Connections

The United Nations is an **international** organization. It works to keep peace in the world and to ensure that human rights and freedoms are met.

Time to Talk

- What are some basic human rights and freedoms?
- Why might **internet** access be considered a basic human right? Do you agree? Explain your thinking.

Word Study

In your Word Study notebook, add today's morpheme.

New Morpheme	Type of Morpheme	Origin	Meaning
inter-	prefix	Latin	among; between

Predicted Meanings

1. Write these words in your Word Study notebook: *interrupt*, *intercept*.

2. Circle the prefix. Underline the base element.

3. Predict the meaning of each word based on what you know about the morphemes.

4. Then, write a sentence with each word.

Writing Connections

Pretend you are going to **interview** Alan Emtage about his invention. Or, think about something else that has been invented. What questions would you like to ask the inventor?

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