

# Modern Technology

# 8

*There is no wealth like knowledge, no poverty like ignorance  
- The Buddha*



## Act Out

( Students of Abhaya Maha Prirvena have an IT lesson in their new computer laboratory.)

Teacher : Good Morning, How are you today?

Students : We are fine teacher. Thank you.

Teacher : Good! Can everybody see this picture?



(The teacher shows a picture of the first computer)

Venerable Suguna: Sir, is it an abacus?

Teacher : Good guess. But, it's actually the first computer.

Venerable Tissa : Really, but I heard that the Chinese had used the abacus long ago, hadn't they sir?

Teacher : That's right. They had used it for mathematical activities long ago before Charles Babbage invented the computer.

Venerable Nanda: Sir, but today the technology is much advanced. People use the internet.

Teacher : Yes of course, it's really a system that connects millions of computers together.



Venerable Nanda: Sir, did Babbage invent the internet too?

Teacher : No, he didn't. Because, the Internet was introduced after his invention.

Kolitha : What are search engines or browsers? What do they do?

Teacher : Good question. When we want to search some information on the internet, we use them. The most famous search engines are "Google" and "Yahoo".

Sirimevan : Sir, then what is "E-mail"?

Teacher : It's a system that we use to send messages through the Internet.

### Activity 1

Answer the following questions.

- Who invented the computer?
- For what purpose did the Chinese use the abacus?
- What are search engines ?
- What is the internet and who invented it?
- What is "E-mail"?



### Learning Point

Read the sentence taken from the above dialogue.

Chinese **had used** the abacus.

**Past perfect tense indicates that an action was completed at some point in the past before something else happened.**

**In the dialogue above sentence the verb in bold refers to the past perfect tense action.**

Here is how past perfect is formed.

**Positive form:-**

Chinese had used abacus. ( S+ had+ p.p+ o)

**Negative form:-**

They had not used Computer. ( S+ had+ p.p+ not+ o)

**Question form:-**

Had they invented the computer? ( Had+ S+ p.p+ o)?

### Activity 2 - Grammar

Write five sentences following the above structures.

1. ....
2. ....
3. ....
4. ....
5. ....

### Activity 3 - Grammar

*Complete the Activity 1 & 2 in workbook Unit 8*

## Learning Point

### Word Stress in English

Read these words taken from the conversation aloud.

people      friends      body      health      answer

### Syllables

English words contain syllables. A syllable is:

- ❖ a word or a part of a word
- ❖ contains a single vowel sound
- ❖ a single speech unit (pronounced as a unit)

| Words with one syllable | Words with two syllables | Words with three syllables |
|-------------------------|--------------------------|----------------------------|
| Man                     | Body    bod y            | September    sep tem ber   |
| Pig                     | People    peo ple        | Saturday    sa tur day     |
| Hat                     | Water    wa ter          | Telephone    tele phone    |
| Moon                    | Garden    gar den        |                            |
| Health                  | Hotel    ho tel          |                            |
| Friends                 | Apple    ap ple          |                            |
|                         | Happy    hap py          |                            |
|                         | Answer    an swer        |                            |
|                         |                          |                            |

## Learning Point

### Word Stress

When we pronounce words with more than one syllable, we do not pronounce all the syllables with the same force. Usually, one syllable is pronounced with more force. It is called the stressed syllable.

## Activity 2 - Pronunciation

Read these words aloud. The stress is on the first syllable. It is given in bold type.

water:                    **water**

apple                    **apple**

people:                 **people**

answer                 **answer**

happy                  **happy**

telephone              **telephone**

Saturday               **saturday**

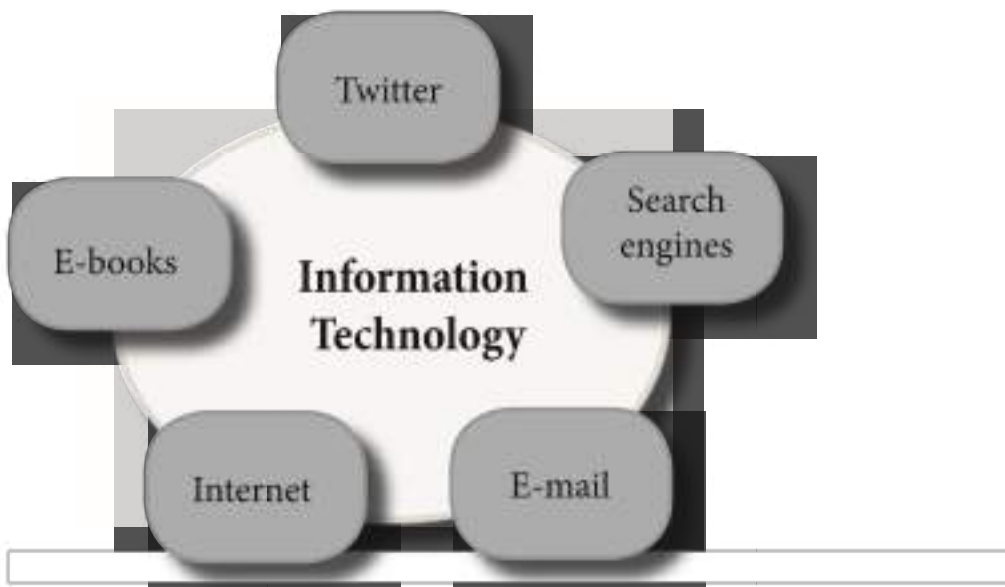
Now, read these words aloud. The stress is in the mid position.

September    **september**

advisor    advisor

electron    **electron**

rotation    **rotation**



### Activity 5 - Reading

Match the topics in the above diagram with definitions in the grid below and write sub topics against correct definitions.

| Topic | Definitions  |
|-------|--|
|       | <ul style="list-style-type: none"><li>• Cheapest and fastest way of better communication</li></ul> |
|       | <ul style="list-style-type: none"><li>• An online news and social networking service .</li></ul>   |
|       | <ul style="list-style-type: none"><li>• The world's largest computer network.</li></ul>            |
|       | <ul style="list-style-type: none"><li>• Electronic version of a printed book.</li></ul>            |
|       | <ul style="list-style-type: none"><li>• It can be used to search information online.</li></ul>     |

### Activity 6 - Speaking

Using the above diagram write a speech on Information Technology to deliver at the morning assembly of your Pirivena. You can start your speech as follows.

*Good morning Everybody, I wish to speak a few words on "Information Technology".*

### Activity 7 - Pronunciation

Pronounce these words paying attention to the initial two letters of each word.

**snip, street, skinny, sweep, speak**

Now get into pairs with your partner. Ask your partner to pronounce the words in the given box clearly. Write the words in the correct column of the following table. Add more words and pronounce them.

speak, sweet, start, swim, snack, speed,  
sky, snag, stand, stair, ski, speech, swan,  
stamp, snag, snow, stop, spark, ski

| sn | st | sk | sw | sp |
|----|----|----|----|----|
|    |    |    |    |    |

### Learning Point

Identifies and uses Suffixes.

Suffixes are word endings. They change the meaning of the base / stem of a word. Read the following words taken from the dialogue.

actually, teacher, heard, information

Now let's see how the meanings of base forms of the given words have changed.

| Base form | Suffix | New word    |
|-----------|--------|-------------|
| teach     | -er    | teacher     |
| actual    | -ly    | actually    |
| help      | -ful   | helpful     |
| inform    | -tion  | information |

### Activity 8

Write the correct base form and suffix of the given words.

| Base form | Derived word | Suffix |
|-----------|--------------|--------|
| 1.        | helpless     |        |
| 2.        | agreeable    |        |
| 3.        | comfortable  |        |
| 4.        | excitement   |        |
| 5.        | brotherhood  |        |



|     |              |  |
|-----|--------------|--|
| 6.  | transferable |  |
| 7.  | endless      |  |
| 8.  | listener     |  |
| 9.  | brighter     |  |
| 10. | kindness     |  |

\* Now complete Activity 4 in Unit 8 of your workbook.

### Activity 9

Following are the steps of creating an e-mail account given in jumble order.

Rearrange them correctly and writes the steps in your writing book.

|  |  |
|--|--|
| 1. Next, enter information such as first name, last name, gender, date of birth in the page.   |  |
| 2. After giving an e-mail address, choose a secure password of at least 8 characters (including, upper case - lower case letters and numbers). |  |
| 3. Finally, click the “accept button” and you will have a new email account.   |  |
| 4. First click on the free sign up button in any of the following search engines such as Google or Yahoo.                                      |  |
| 5. Once you finish, click the “OK” button, you will receive a verification code.   |  |

## Activity 10 - Writing

Read this message.



Write a similar short message for situations given below.

1. You are leaving temple early in morning to go to Colombo. Leave a message to your friend to collect the book that Nimal will bring to the temple for you.
2. You will get late to return to the temple as you have to attend a seminar. Leave a message to your Chief Monk informing him that you will be late.
3. You are going to a "Pirith" ceremony now. Leave a short message to your friend about where you left the key to the room.
4. Your mother has left a message to call her immediately after you return from the pirivena. Write the message you wrote.

## Activity 11 - Grammar

### Learning Point

WH - Questions / Informative questions.

WH - question is raised in English to ask information. It usually starts with a word beginning with "WH".

Use a dictionary and match the correct

WH - Question words with the type of information they provide.



| Question word | Function   |
|---------------|--|
|               | asking for information<br>about something<br>asking for repetition |
|               | asking about time  |
|               | asking where or position   |
|               | asking about a choice  |
|               | asking about which person or people                                |
|               | asking about manner asking about<br>condition or quality.          |

*\*Now complete Activity 5 & 6 in Unit 8 of your workbook.*