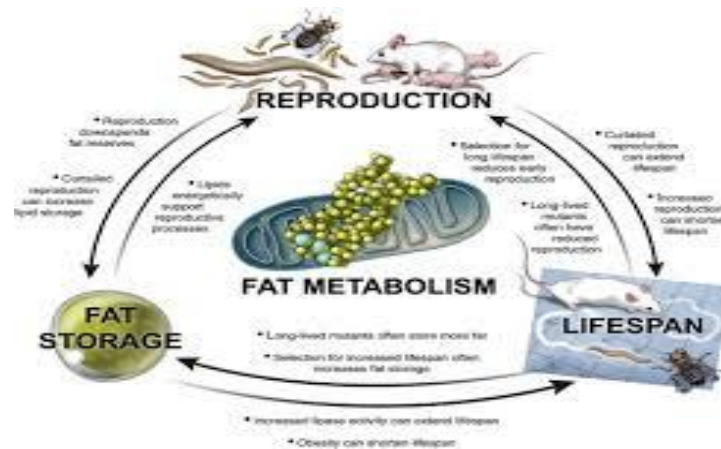# Cause and Effect Relationships

What are Cause and Effect Relationships?

- Cause and effect relationships reflect the connections between one event and another.

- *Purpose:* Explain why or how something happened/happens

- Cause = Why something happened/What made it happen
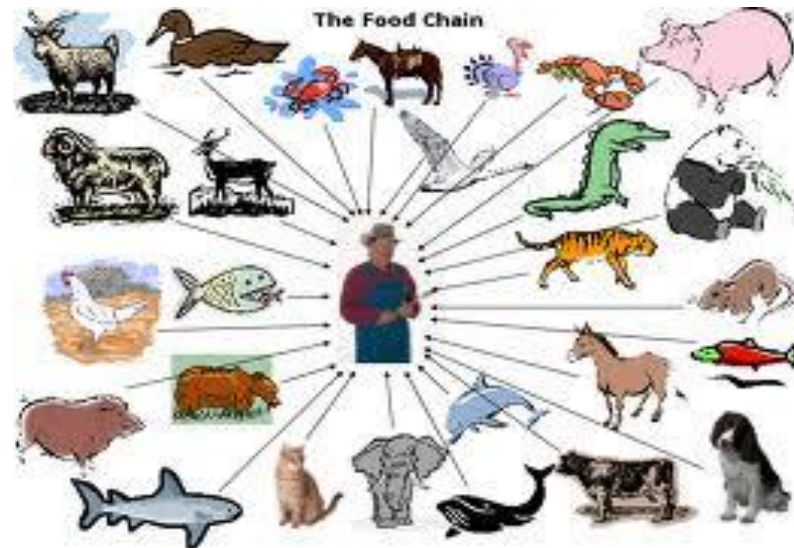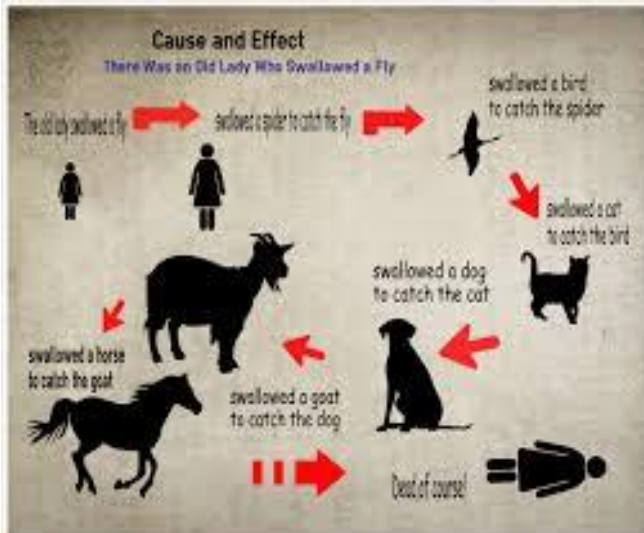- Effect = What happened as a result of cause

Who uses cause and effect statements?

- Historians often use c/e statements to explain why an event happened and how it happened

- Scientists often use c/e statements to describe the relationship between a stimulus and the response or in chemical reactions/equations

- Mathematicians use c/e as if/then statements…if A=B and B=C then A=C

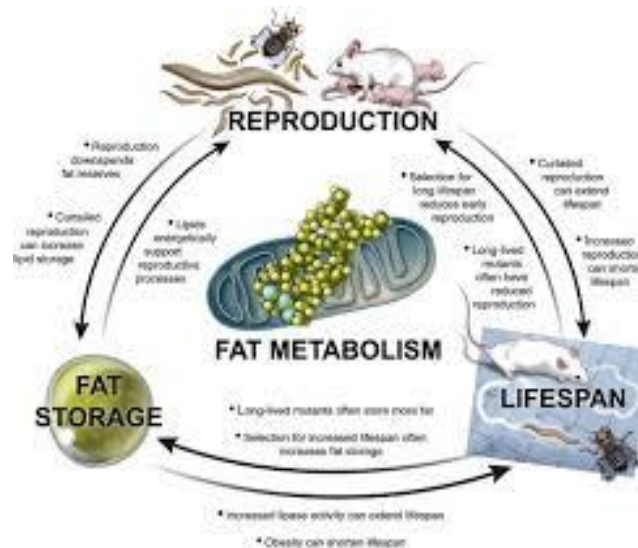# **When** are cause and effect statements used?

- Cause and effect statements are used when you need to describe why things happen and how they occur

- C/E can be used to make events relevant
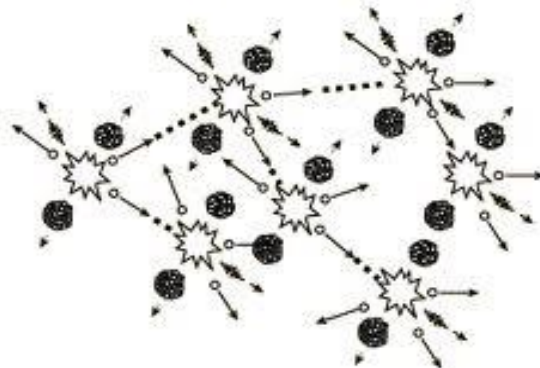
Where are cause and effects statements found?

- Cause and effect statements are found where causality is being depicted
- Cause and effect statements are included in most news reports, historical texts, scientific theories

How do c/e statements create a depth of understanding?

- Most c/e relationships create complex connections**…**

- **(1) there are usually numerous causes**

- **(2) there are usually numerous effects**

- **(3) the effects themselves become causes that create numerous other effects.**

Why do we use Cause and Effect statements?

- Identifying and understanding c/e relationships is crucial to the study of history!

- One of the <u>reasons we study history</u> is to understand why events took place and what effects they had on other events

How can you recognize Cause/Effect statements?

Signal Words or Phrases Within Text		
Because	Leads to	On account of
So	Consequently	Outcome
Therefore	When/if – then	Effects of
As a result	Reasons for	Impact
Since	Thus	Influenced by
In order to	Due to	
Is caused by	For this reason	

A Piece of Wisdom

- Abraham Lincoln once said:

   "The past is the cause of the present and the present will be the cause of the future"

We are creating the future today!

Wisdom: Application

Cause: As a result of getting up late this morning…	Effect: …I was late for school.
Cause: Early civilizations needed permanent water supplies for farming, trading, and cities	Effect: …as a result all early civilizations developed along lakes, rivers and coastal areas.

Wisdom: Application Creating Cause/Effect Relationships

KE NAI Cause:	KENAI Effect:
SKYVIEW Cause:	SKYVIEW Effect:

Wisdom: Extending the cause /effect relationship…

Cause	Effect/Cause	Effect
Because I got up late this morning…	…I was late to school and because I was late to school…	…I had to get a tardy pass from the office.
Early cultures had nature based belief systems (animism)…	…therefore their geographical location greatly influenced their spirituality…	… those living near mountains and volcanoes had great reverence for these geographical features similarly a lion was a powerful spirit in Africa while a walrus had great significance in Alaska.

WISDOM: Creating Complex Cause/Effect Relationships

KENAI CAUSE:	EFFECT/CAUSE:	EFFECT
SKYVIEW CAUSE:	EFFECT/CAUSE:	EFFECT

Wisdom: Creating Relevant and Complex C/E Example

- World- Climate change creates severe weather patterns such as drought.

- National- Drought conditions throughout the US resulted in lower corn and wheat production.

- State- The majority of food consumed in Alaska is imported and shortages of wheat and corn will make food prices rise.

- Local/community- Combined with high energy costs, increased food costs will lead to less spending on leisure and recreational products.

- Personal- As a consequence of having less expendable assets, I am choosing not to go to Anchorage this weekend.

Relevant/Complex C/E Statements

Cause	Effect (Remember the effect becomes the cause at the next level, change the vocabulary)
World	
National	
State	
Local	
Personal	

Cause/Effect Assignment

- Create a relevant/ complex cause/effect statement about prehistory and/or early civilizations on google docs with a classmate(s) or student(s) from another classroom…share the document with your teacher! No more than 4 people per group.