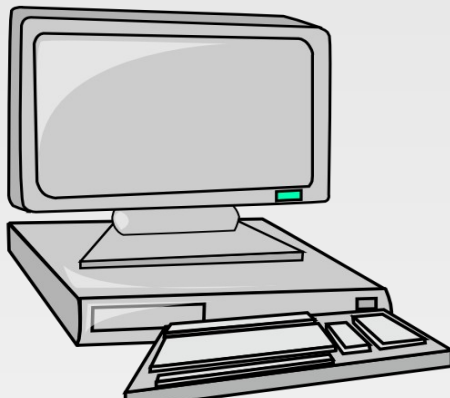


Information and Communication Technology:

A MOTIVATION

MOTIVATION



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Question # 2



2. Why should we (the language teachers) study ICT?

Today

From Hiroshima-Nagasaki

to WTC 911,



..... natural and social DISASTERS

..... a very very STRESSFUL

world of TODAY !



The FUTURE of our EARTH.....?

EARTH
2070



Ria Slides



Ria Slides

THE HISTORY of CIVILIZATION

The History of Civilization

The ERA of	THE CENTRAL Issue	Historical Events
Agriculture	Land	Social Revolution and Independence
Industry	Energy	HIROSHIMA NAGASAKI
INFORMATION	Information	WTC 911

EXTRA EDITION
Los Angeles Times

TUESDAY, SEPTEMBER 11, 2001

Terror Attack

Hijacked Jets Fly Into Trade Center, Pentagon



Summary of Events

At 8:46 a.m., a Boeing 767-300ER hijacked by four men from the Middle East crashed into the North Tower of the World Trade Center, 110 stories above the ground. The plane, which was carrying 260 people, disintegrated on impact, and the tower began to burn. At 9:03 a.m., a second hijacked plane, a Boeing 767-300ER, crashed into the South Tower of the World Trade Center, 110 stories above the ground. The plane, which was carrying 260 people, disintegrated on impact, and the tower began to burn. At 9:58 a.m., a third hijacked plane, a Boeing 767-300ER, crashed into the Pentagon, 5 miles from the World Trade Center. The plane, which was carrying 68 people, disintegrated on impact, and the building began to burn. At 10:28 a.m., a fourth hijacked plane, a Boeing 767-300ER, crashed into a field near Shanksville, Pa., 16 miles from the Pentagon. The plane, which was carrying 60 people, disintegrated on impact, and the field began to burn.

A Day of Carnage and Chaos

The attacks on the World Trade Center and the Pentagon were the deadliest acts of terrorism in U.S. history. More than 3,000 people were killed, and thousands more were injured. The attacks also caused billions of dollars in damage to property and infrastructure. The attacks shocked the world and led to a global war on terrorism.



WTC 911



WTC 911



WHY THE TOWERS COLLAPSED



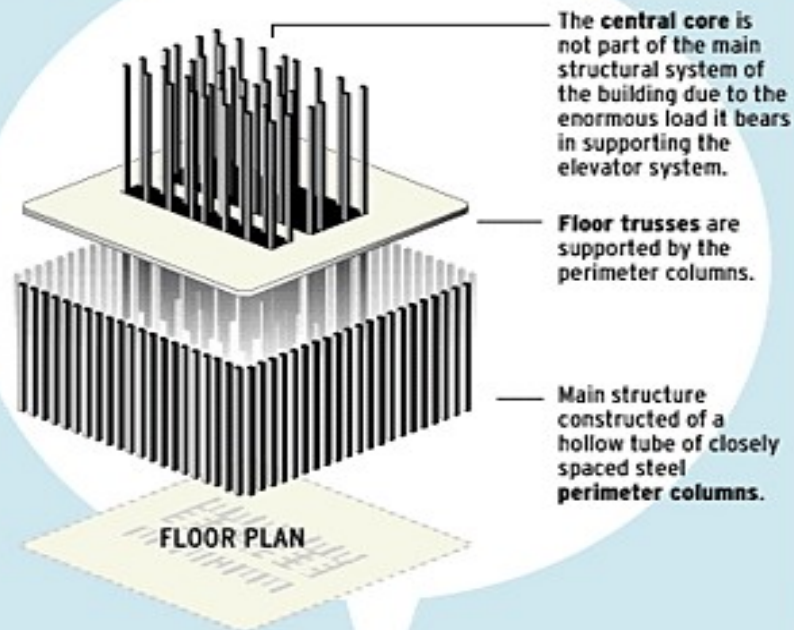
The impact of the plane crash destroyed a significant number of perimeter columns on several floors of the building, severely weakening the entire system.

As fire raged in the upper floors, the heat gradually affected the remaining structure.

The prolonged high temperatures, fuelled by the large volumes of aviation gas, weakened the steel core struts.

When the fire reached 1,500°F, the weakened struts collapsed and the truss system collapsed vertically.

The building's perimeter columns and floor trusses form a steel lattice, which was designed to act as a wind brace, thereby keeping disturbance away from the central core.

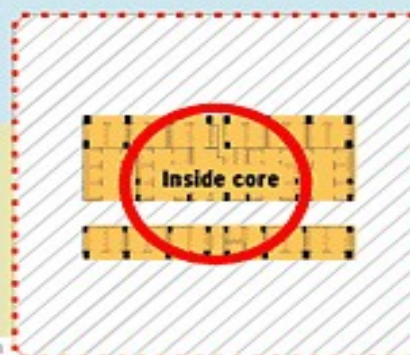


The central core is not part of the main structural system of the building due to the enormous load it bears in supporting the elevator system.

Floor trusses are supported by the perimeter columns.

Main structure constructed of a hollow tube of closely spaced steel perimeter columns.

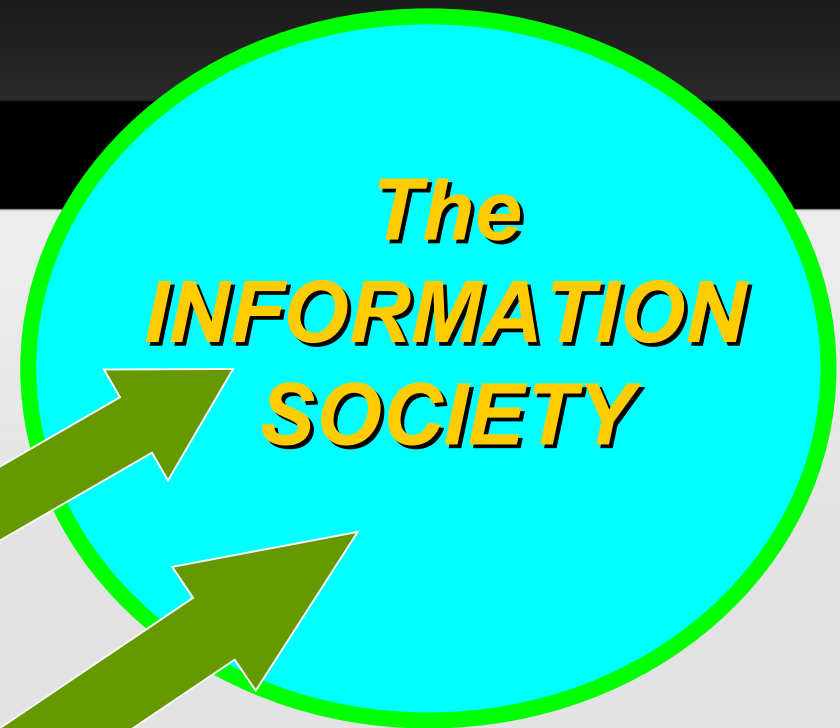
FLOOR PLAN OF THE WORLD TRADE CENTRE



A hollow tube of closely spaced perimeter columns form the main structural component of the tower.



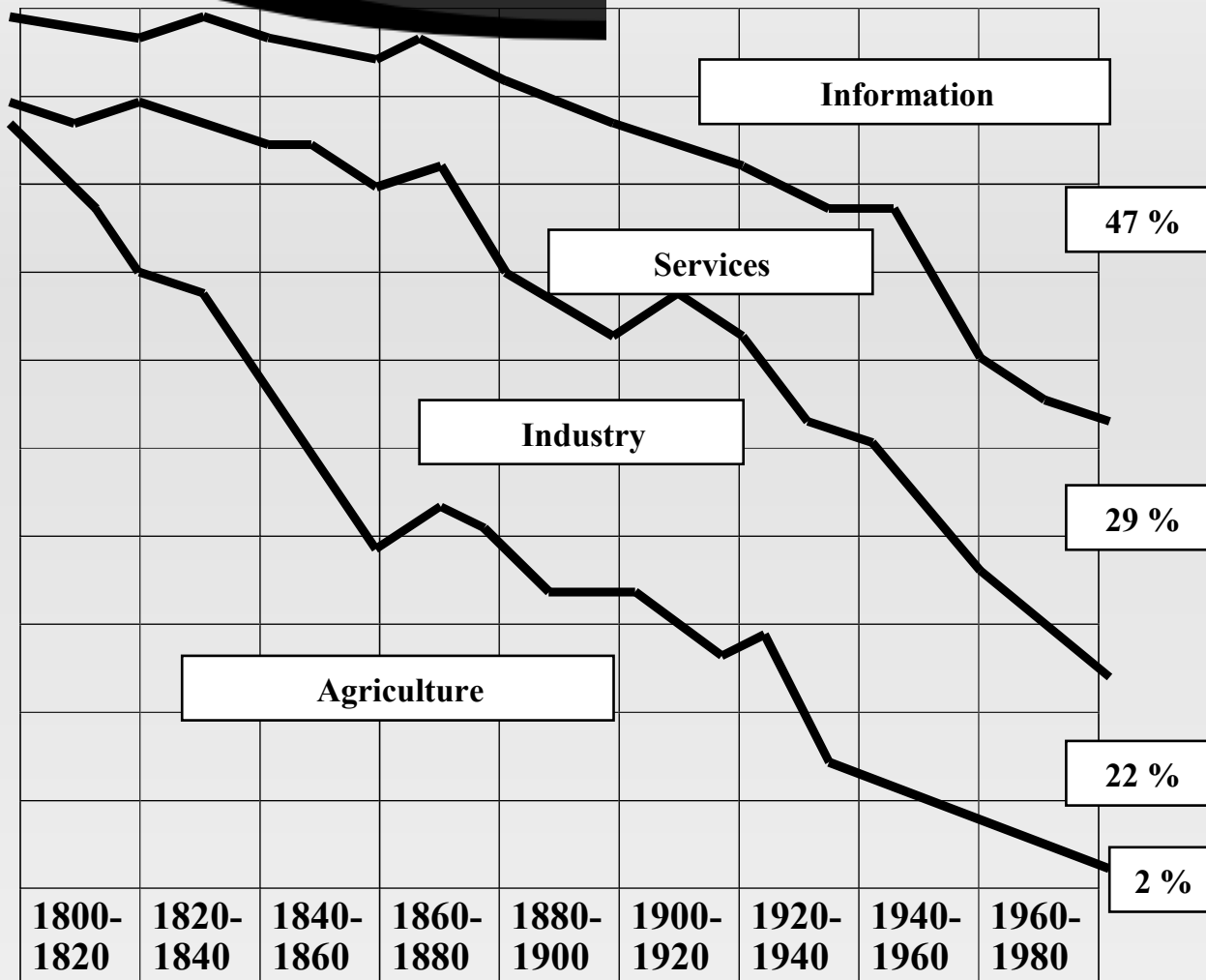
The virtual "society"



The GLOBAL Information ERA !

The Information Society

The Work Force Composition



Gambar 1

The Change of the Work Force Composition in the USA 1800-1980
(Source:: Everett M. Rogers, [1986], *Communication Technology*, page 11)

Information Workers

Individuals whose main activities are

PRODUCING.....

PROCESSING.....

DISTRIBUTING.....

INFORMATION

producing

**The INFORMATION
TECHNOLOGY**



*..... teachers, lecturers, academicians,
reseachers, writers, reporters, managers, public
relation, etc.... .*

CIO

Key Social Institutions

<i>Society</i>	<i>Key Social Institution</i>
<i>Agricultural</i>	FARM
<i>Industrial</i>	FACTORY
<i>Information</i>	UNIVERSITY

(Source: Everett M. Rogers, [1986], “*Communication Technology*”, hal. 13)

The ~~INDONESIAN~~ Information Societies:

Pesantren
Sekolah
Kampus

PESANTREN
SEKOLAH KAMPUS

Masyarakat
INFORMASI





SELESAI

The END
The END

THE END

Selamat mengikuti
KULIAH ini
dengan SEKSAMA