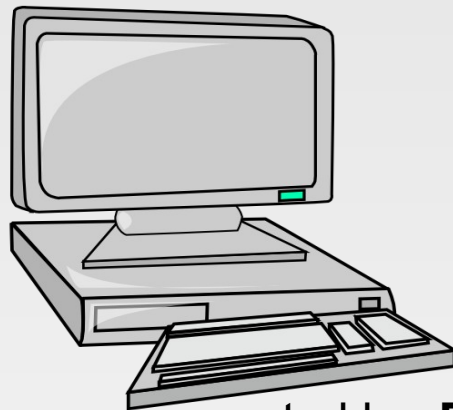


Information and Communication Technology:

A MOTIVATION

MOTIVATION



presented by: **Rhiza S. Sadjad**

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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 767-400 jetliner, hijacked by a man claiming to be a pilot, flew into the North Tower of the World Trade Center. The plane struck the building at the 103rd floor, 1,100 feet above the ground. The impact caused a massive fire and explosion, and the building began to collapse. At 9:03 a.m., a second hijacked jet, a Boeing 767-300, flew into the South Tower of the World Trade Center. The plane struck the building at the 78th floor, 980 feet above the ground. The impact caused a massive fire and explosion, and the building began to collapse. At 9:58 a.m., the North Tower collapsed, falling into the World Trade Center site. At 10:28 a.m., the South Tower collapsed, falling into the World Trade Center site. The collapse of the towers caused a massive fire and explosion, and the building began to collapse. The collapse of the towers caused a massive fire and explosion, and the building began to collapse.

A Day of Carnage and Chaos

The attack on the World Trade Center was a devastating blow to the United States. The towers were the tallest buildings in the world, and their collapse caused a massive fire and explosion. The attack was carried out by a group of terrorists, and it resulted in the deaths of thousands of people. The attack was a shocking event that changed the course of history. The towers were the tallest buildings in the world, and their collapse caused a massive fire and explosion. The attack was carried out by a group of terrorists, and it resulted in the deaths of thousands of people. The attack was a shocking event that changed the course of history.

WTC 911





WTC 911



WHY THE TOWERS COLLAPSED



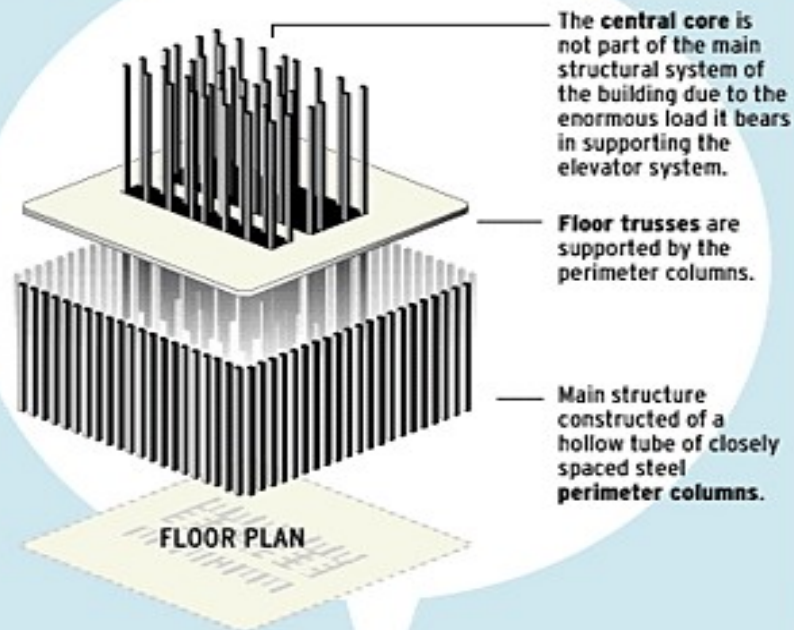
The impact of the plane crash destroyed a significant number of perimeter columns on several floors of the building, severely weakening the entire system.

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.



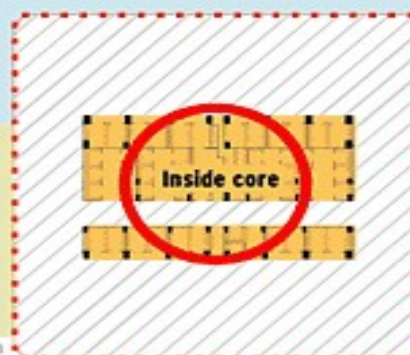
The central core is not part of the main structural system of the building due to the enormous load it bears in supporting the elevator system.

Floor trusses are supported by the perimeter columns.

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

FLOOR PLAN

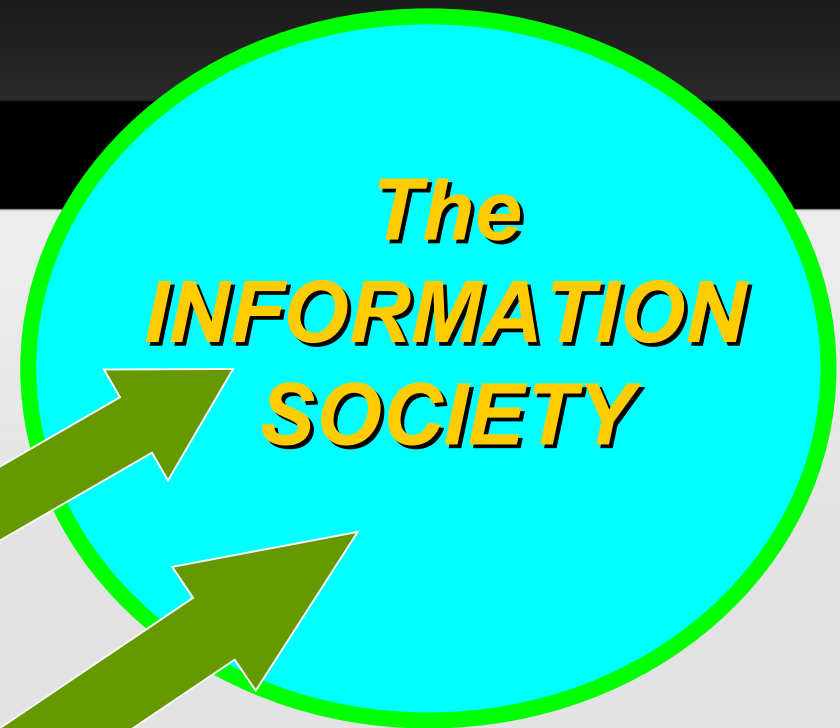
FLOOR PLAN OF THE WORLD TRADE CENTRE



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



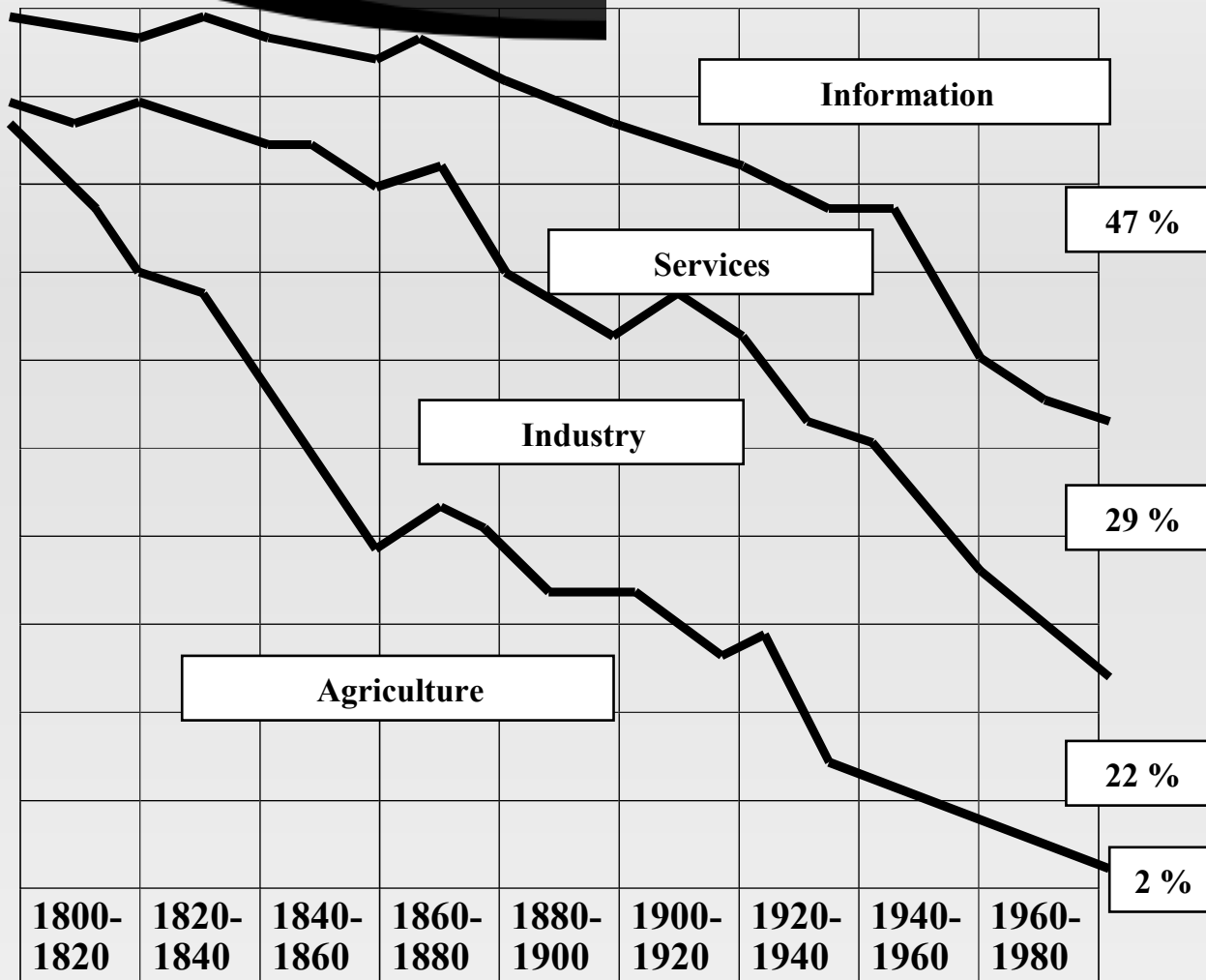
The virtual "society"



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



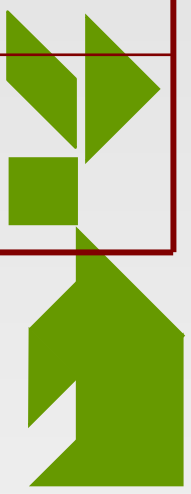
..... teachers, lecturers, academicians, reseachers, writers, reporters, managers, public relation, etc.... .

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)

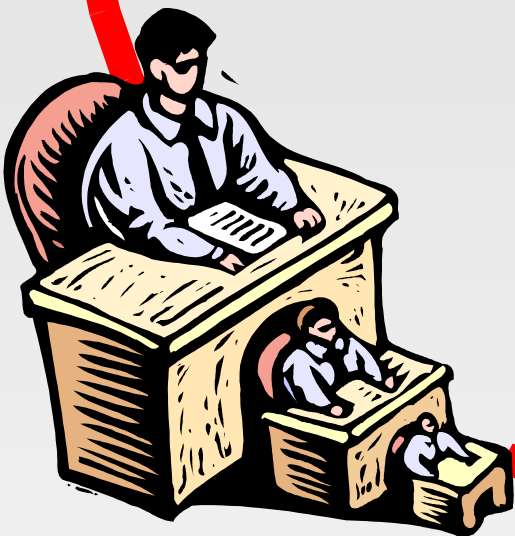
The ~~INDONESIAN~~ Information Societies:

Pesantren
Sekolah
Kampus



PESANTREN
SEKOLAH KAMPUS

Masyarakat
INFORMASI





SELESAI

The END
The END

THE END

Selamat mengikuti
KULIAH ini
dengan SEKSAMA