

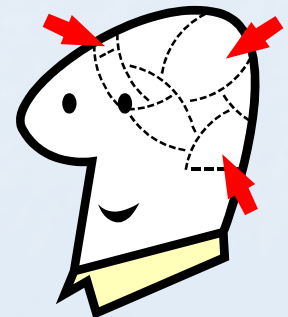
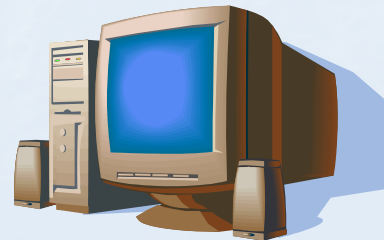
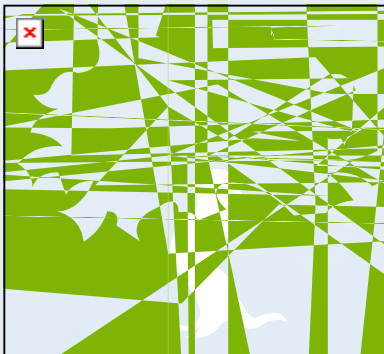
# Key Resources by Economic Era

Agrarian ( 1880 )  
Natural Resources

Industrial (1880 – 1985)  
Means of Production

Information (1995–  
2000) Technology

Knowledge ( 1995)  
Intellectual Capital



# *Changing Paradigm*

**Economic Change  
From Manufacturing Economy  
(Material value)**

**To Knowledge Economy  
(Knowledge value)**

**Worker Change  
From Production Worker  
(Brawn)**

**To Knowledge Worker  
(Brain)**

**Output Change  
From Tangible Deliverables  
(Material value)**

**To Knowledge Economy  
(Outcomes)**

# ***Emerging Technology***

- **Information & Communication Technology**
- **Bio Technology**
- **Nano Technology**
- **Energy Technolgy**
- **Space Technology**
- **Community & Rural Technology**

# 7C's of Generic Skills Set

- **Critical Thinking & Doing**
- **Creativity & Innovation**
- **Collaboration & Teamwork**
- **Cross Cultural Understanding**
- **Communication & Presentation**
- **Computing & Information**
- **Career & life long learning**

# ***COMMON CHARACTERISTICS***

- ❖ **Interdisciplinary**
- ❖ **Oriented to R & D**
- ❖ **Information intensive**
- ❖ **Shorter life cycle**
- ❖ **Globalize**

**Need close Industry & Institute Interaction, not only locally, but regionally and globally. Government has to play facilitating.**

# Generic Skills in the New Workplace

