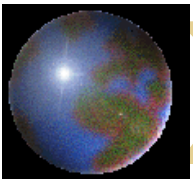
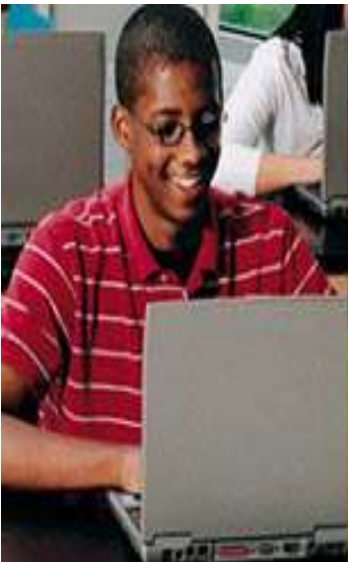


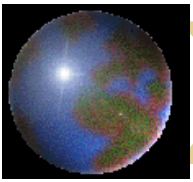
# *Education for the 21<sup>st</sup> Century*





Presented By  
Jan Stanley, Assistant Director  
Office of Assessment and Accountability





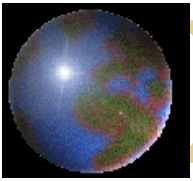
## *Session Goals*

Review the components of 20<sup>th</sup> century learning

Develop an understanding of the 21<sup>st</sup> century learning skills

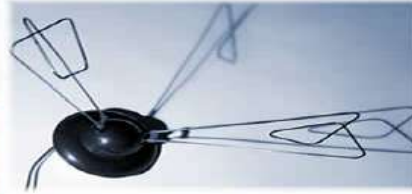
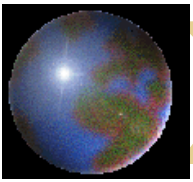
Recognize assessment as a key component of instruction in the 21<sup>st</sup> century

Develop an understanding of available resources



*Let's Think....*

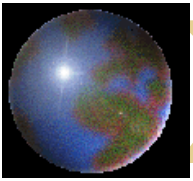
*How has our world changed?*



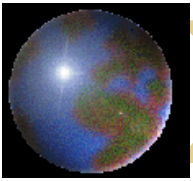
*Use this chart as a brainstorming tool to reflect upon the changes that have taken place during your lifetime.*

<b>Activities</b>	<b>Your School Years</b>	<b>Your Life Today</b>
<b>Communication</b>		
<b>Careers</b>		
<b>Methods of Purchase</b>		
<b>Education</b>		





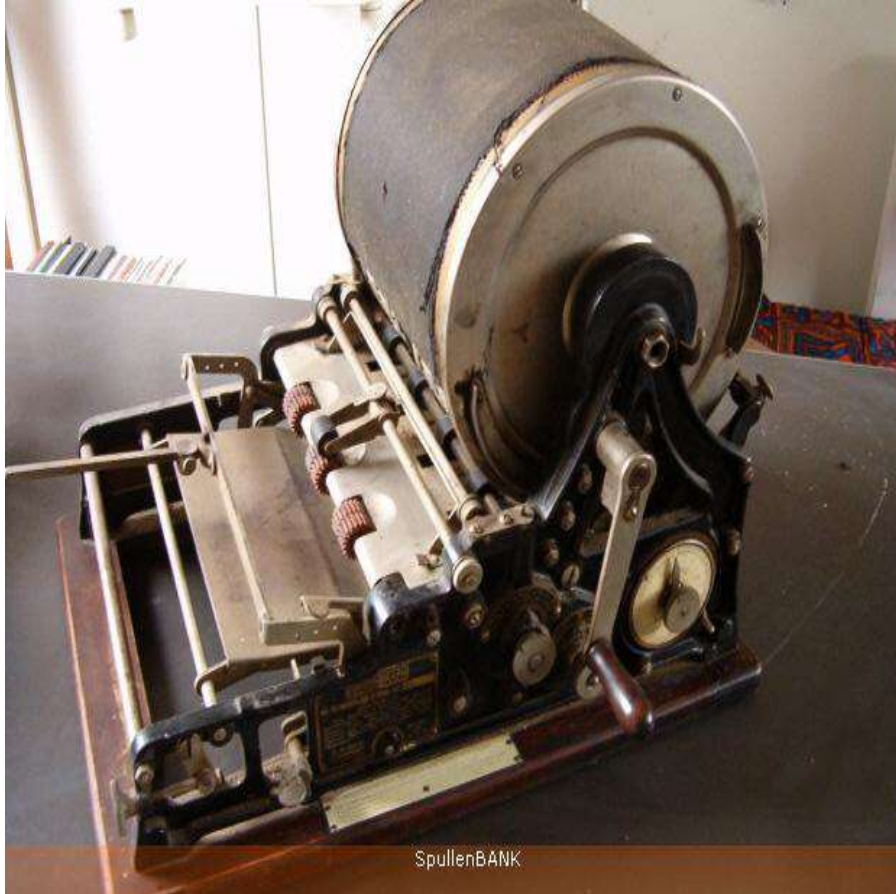
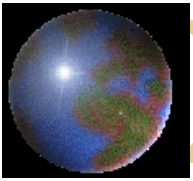
# ENTERTAINMENT



An early telephone design.



# COMMUNICATION

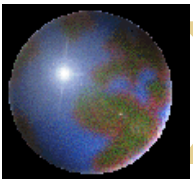


SpullenBANK

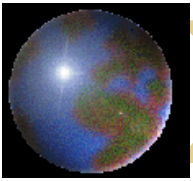


# JOBS

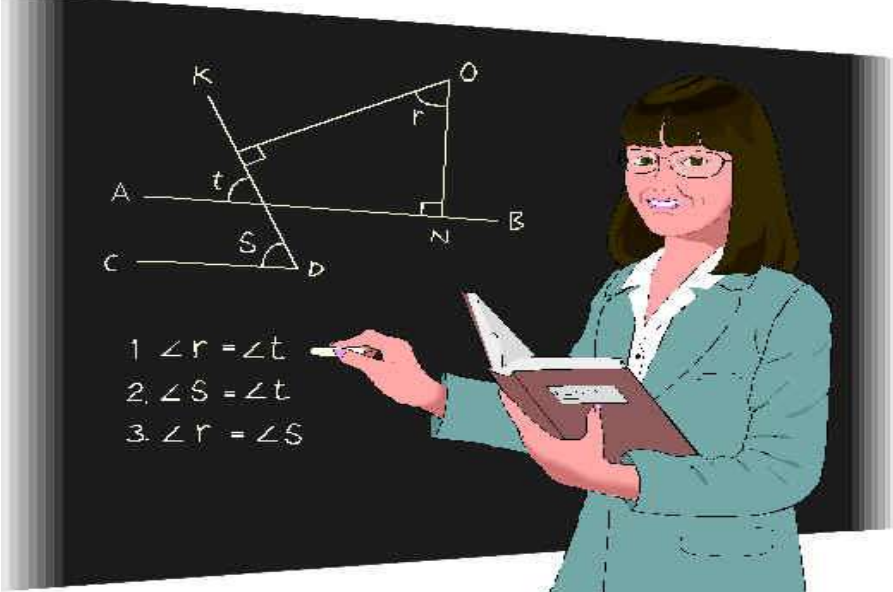
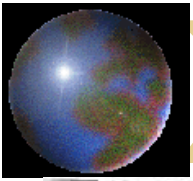




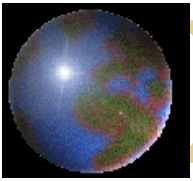
# METHODS OF PAYMENT



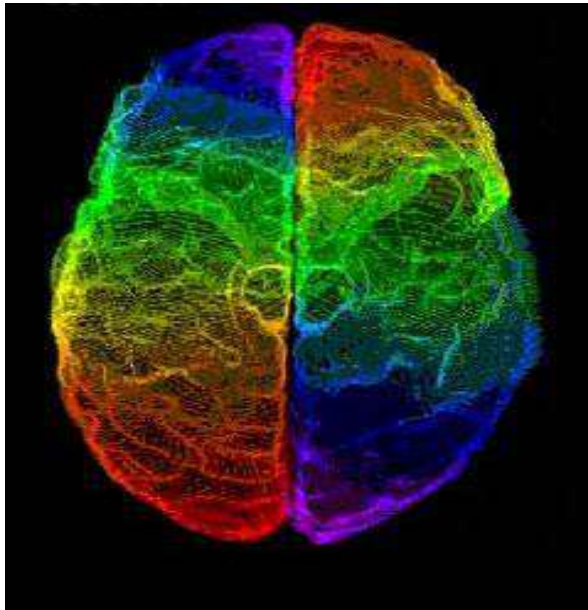
EDUCATION



Learners are the same as they have always been. The same methods that worked for me when I was a student will work for my students now.



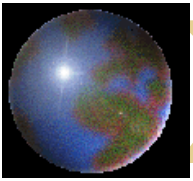
# *Today's Learners Are Different*



They think and process information fundamentally differently from their predecessors.

Marc Prensky, *Digital Natives, Digital Immigrants* 2001

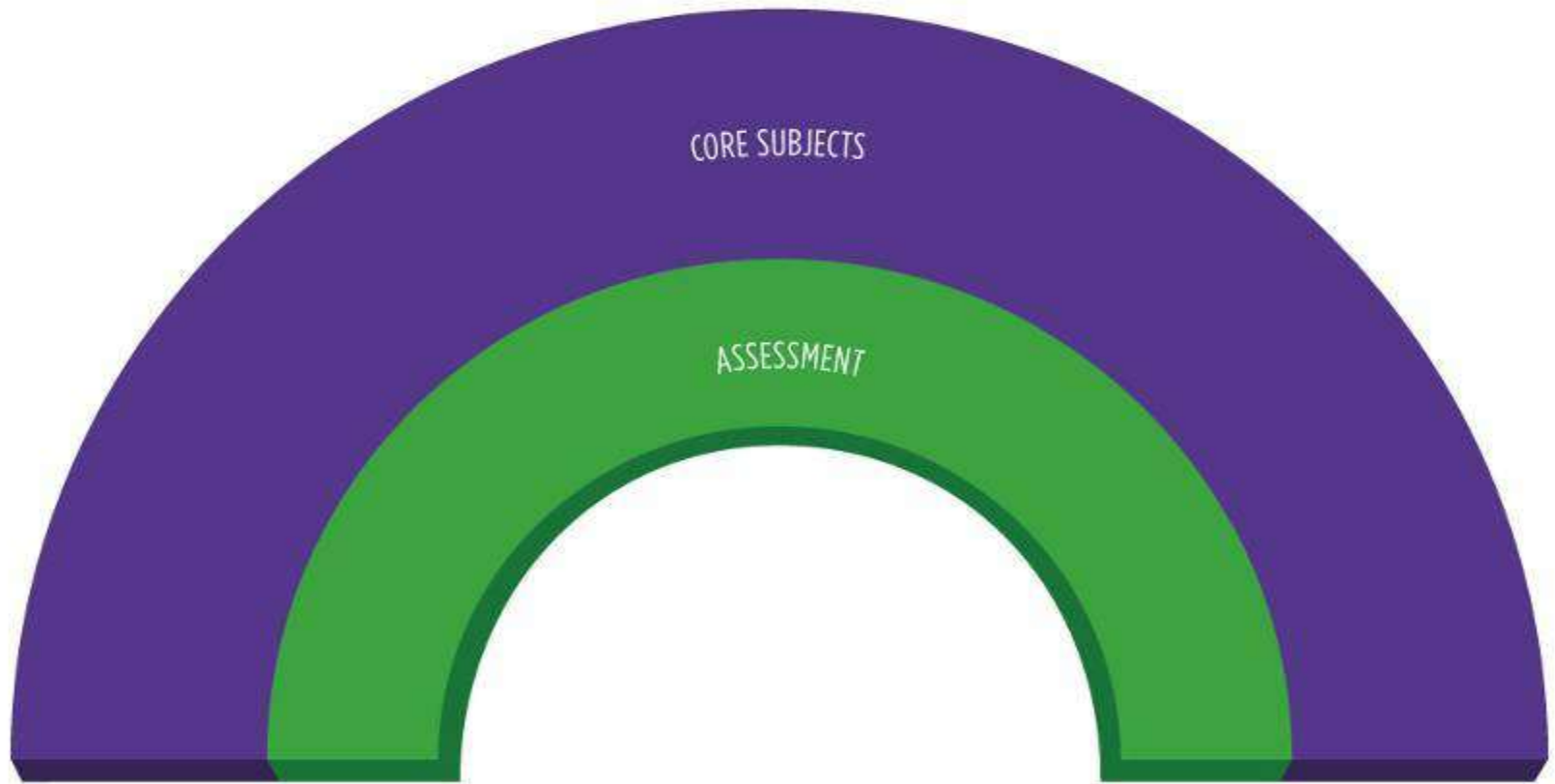


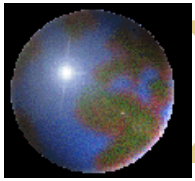


## *Quiz Time...*

*What were the main components  
of 20<sup>th</sup> century learning?*

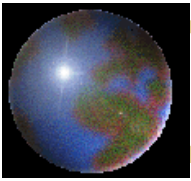
# *Framework for 20th Century Learning*



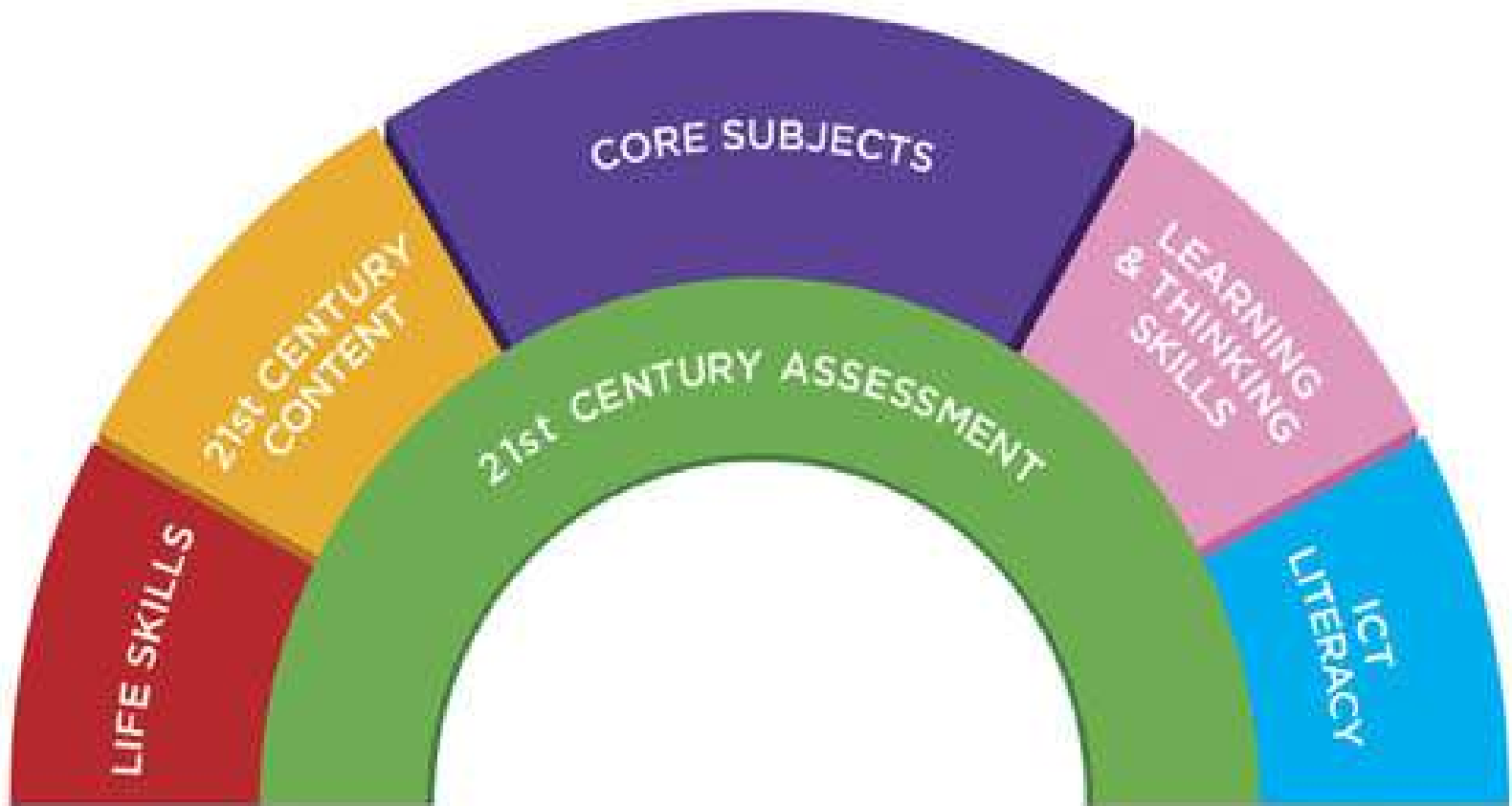


# Quiz Time...

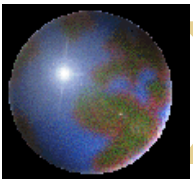
What are the six elements  
of the 21st century  
learning skills?



# *Framework for the 21<sup>st</sup> Century Skills*







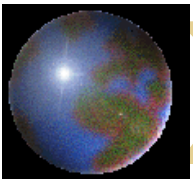
# *Key Element #1*



## **Core Subjects**

Emphasize the core subjects of reading, English, mathematics, science, foreign languages, civics, government, economics, arts, history, and geography

Expanding student understanding in core subjects  
**beyond minimal mastery**



## *Key Element #2*

### **21<sup>st</sup> Century Content**

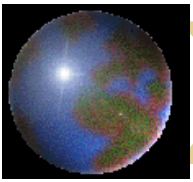
Global awareness

Financial, economic and business  
awareness

Civic literacy

Health and wellness  
awareness





## *Key Element #2*

# **21<sup>st</sup> Century Content should be delivered in a 21<sup>st</sup> Century Context**

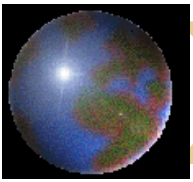
## Relevant Context

vital, practical

emotional and social connections to skill and content

bringing the world into the classroom, taking students out into the world

creating opportunities for students to interact with each other and adults in authentic learning situations



# *Key Element #3*

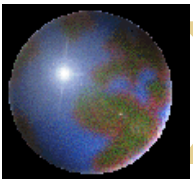
## **ICT Literacy**

### Informational and communication technology

ability to use technology to support 21st century teaching and learning

ability to use technology to meet CSOs and state/national educational technology standards





# *Key Element #4*

## **Learning Skills**

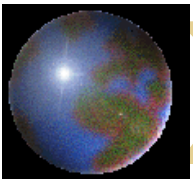
### Information and Communication Skills

Information and media literacy

Visual literacy

Communication





# *Key Element #4*

## **Learning Skills**

### **Thinking and Reasoning Skills**

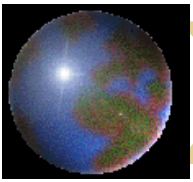
Critical thinking

Systems thinking

Problem solving

Creating and innovating





# *Key Element #5*

## **Life Skills**

### **Interpersonal and Self-Directional Skills**

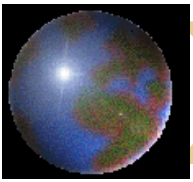
Interpersonal and collaborative skills

Self-direction

Accountability and adaptability

Social responsibility

Ethical behavior

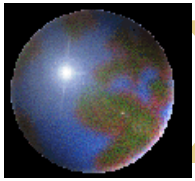


## *Key Element #6*

### **21<sup>st</sup> Century Assessments**

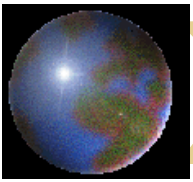
Using high quality assessments that measure students' performance for the elements of a 21<sup>st</sup> century education





# *Quiz time...*

*How does a 20<sup>th</sup> century  
classroom compare/contrast  
with a 21<sup>st</sup> century classroom?*



## *Contrasting 20<sup>th</sup> and 21<sup>st</sup> Century Educational Practices*

### **20<sup>th</sup> Century Practice**

**Teacher's role**

**Student's role**

**Student results**

**Instructional focus**

**Lesson design**

**Instructional strategies**

**Instructional and  
technology tools**

**Assessment practices**

### **21<sup>st</sup> Century Practice**

**Teacher's role**

**Student's role**

**Student results**

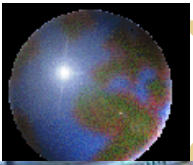
**Instructional focus**

**Lesson design**

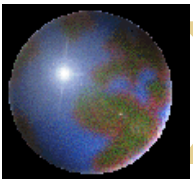
**Instructional strategies**

**Instructional and  
technology tools**

**Assessment practices**

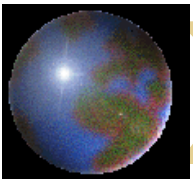






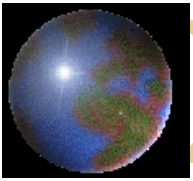
## *Concluding Thoughts....*

What conditions do we  
control that can be altered to  
improve student achievement?



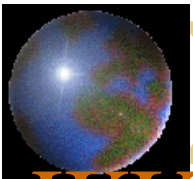
*Issues related to student achievement  
are derived from 4 areas:*

- Curriculum – what we teach
- Quality of instruction – how we teach
- Effectiveness of schools – where we teach
- Characteristics of students – who we teach



## *Resources*

What resources are available to assist districts and schools in educating students for the 21<sup>st</sup> century?



# *WVDE Websites*

Learning Community Digital Resource

<http://wvde.state.wv.us/21stcenturydigitalresource/>

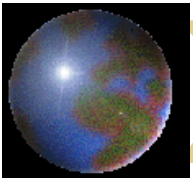
Teach 21 <http://wvde.state.wv.us/teach21/>  
Frameworks

<http://wvde.state.wv.us/frameworks/>

Teacher Blogs and Wikis

<http://blog.k12.wv.us/>

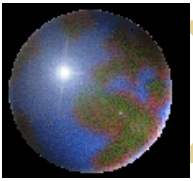
<http://brookhavenwordjar.pbwiki.com/Glossary>



Look around.

Things are different now.

We must adapt and change.



Henry Ford said “If you think you **can**, or you think you **can’t** . . . you are right”.

WVDE challenges you to institute 21<sup>st</sup> century skills for education in our state, districts, and schools.

We **can** make the difference for students!