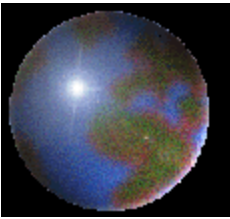


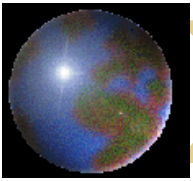


Educating Students in the 21st Century



*Presented by: Jan Stanley, State Title I Director
Title I School Improvement Meeting
September 20-21, 2007*





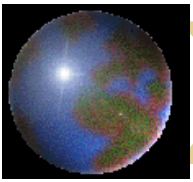
Session Goals

Compare and contrast the components of 20th century learning with the components of 21st century

Develop an understanding of the 21st century learning skills

Understand the urgency for change

Determine as a school team the focus for improvement efforts



Group Discussion

Picture yourself in a classroom in the 20th century.

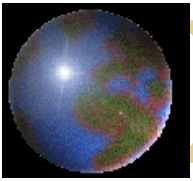
Describe the school building

Describe your classroom

Describe the culture of the school

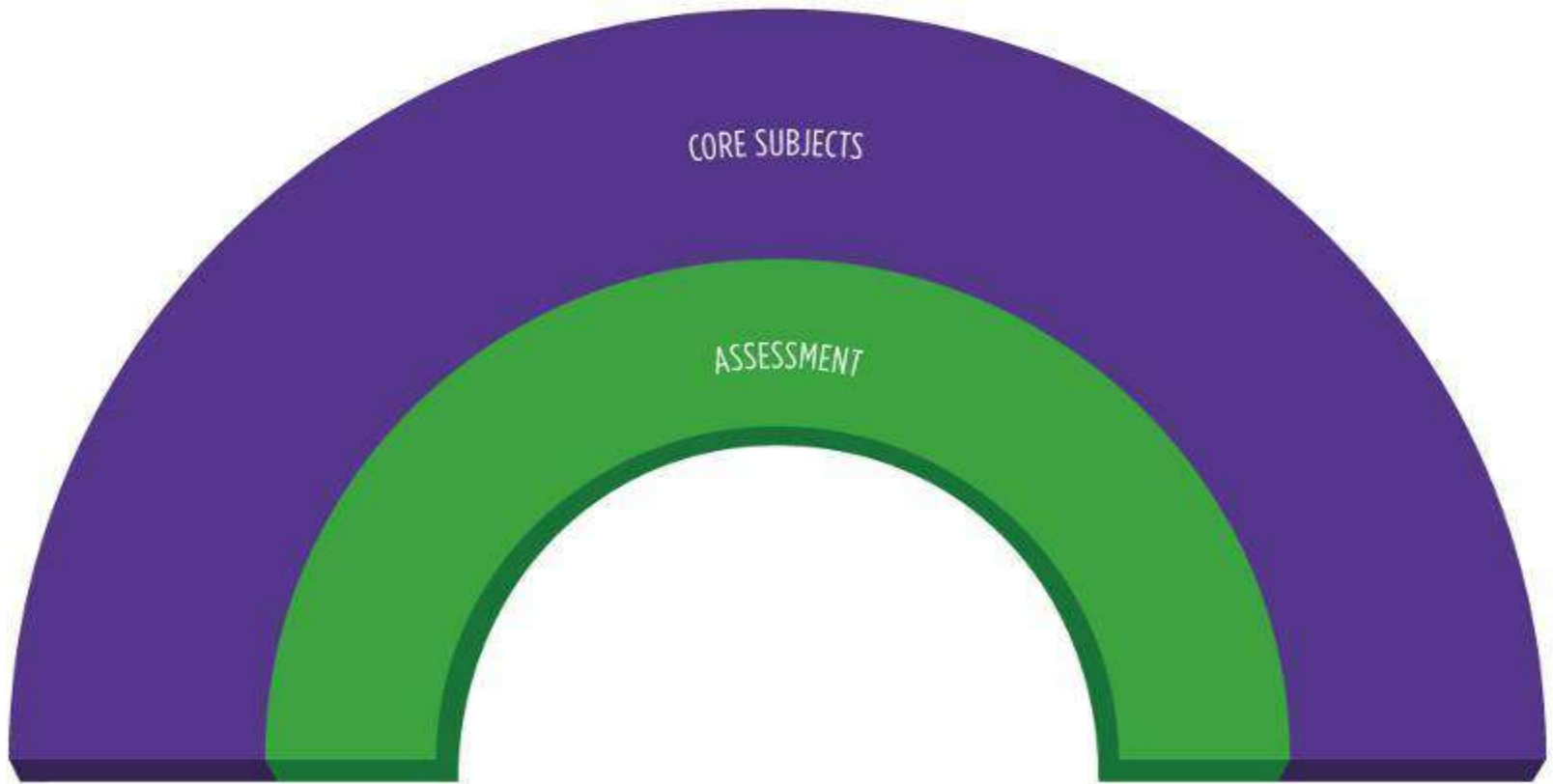
Describe the academic content you were learning

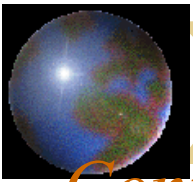
Describe the instruction in the classroom



*What were the main components
of 20th century learning?*

Framework for 20th Century Learning





Contrasting 20th and 21st Century Educational Practices

20th Century Practice

Teacher's role

Student's role

Student results

Instructional focus

Lesson design

Instructional strategies

**Instructional and
technology tools**

Assessment practices

21st Century Practice

Teacher's role

Student's role

Student results

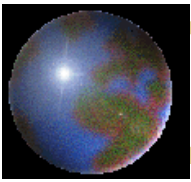
Instructional focus

Lesson design

Instructional strategies

**Instructional and
technology tools**

Assessment practices



Partnership for 21st Century Learning



Time Warner

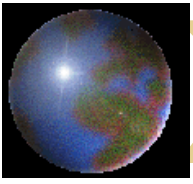


BELLSOUTH
FOUNDATION

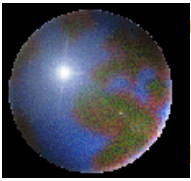


Ford Motor Company Fund

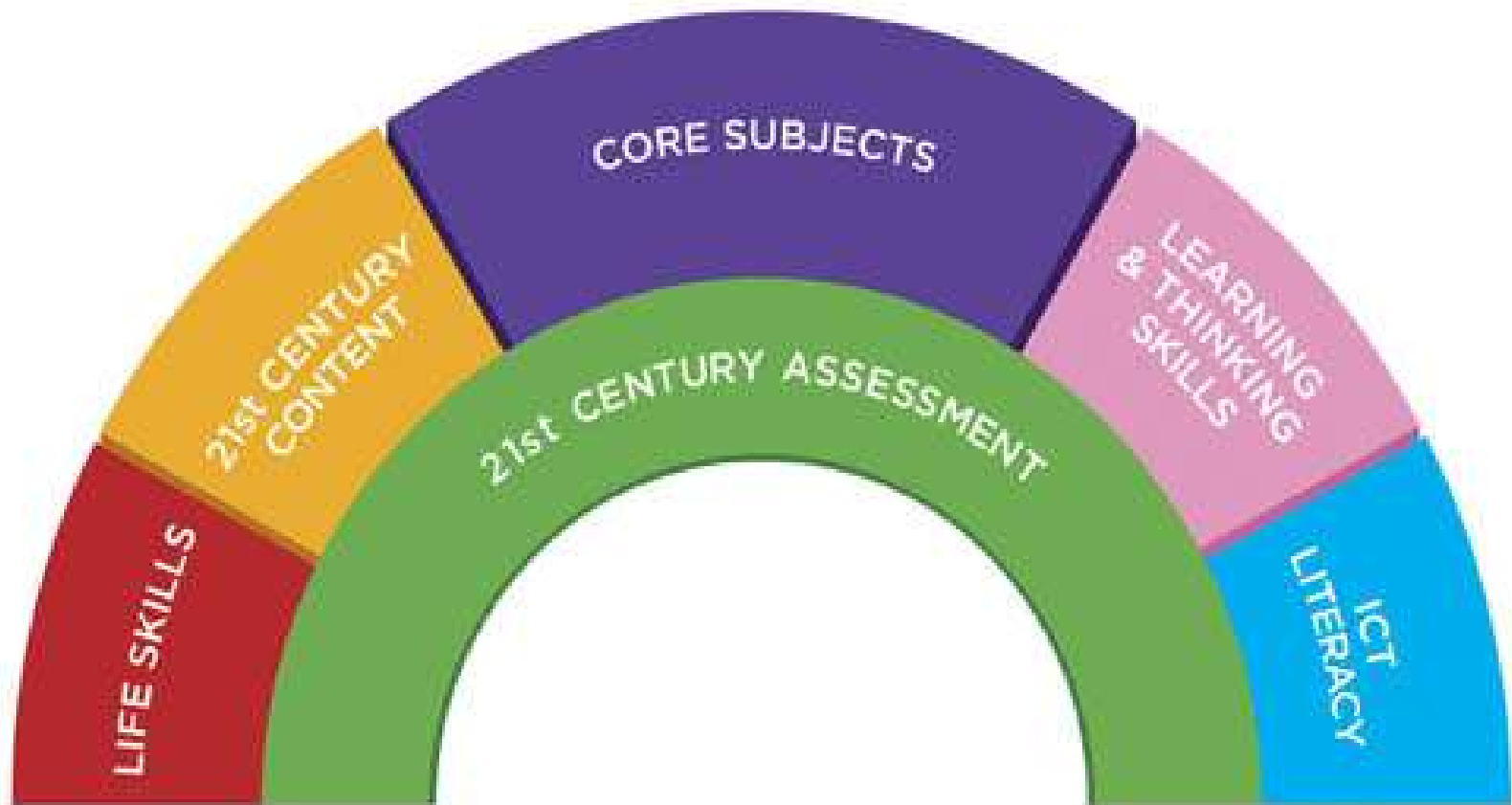


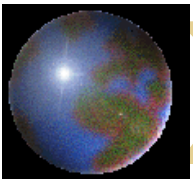


**What are the six
elements of the 21st
century learning
skills?**



Framework for the 21st Century Skills





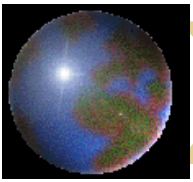
Key Element #1



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

21st Century Content

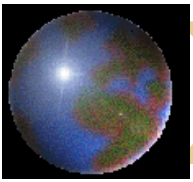
Global awareness

Financial, economic and business
awareness

Civic literacy

Health and wellness
awareness





Key Element #2

21st Century Content should be delivered in a 21st Century Context

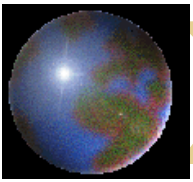
Relevant Context

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



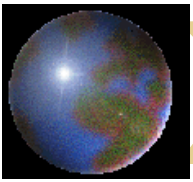
Key Element #3

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

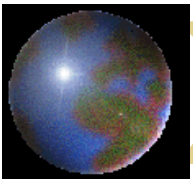
Information and Communication Skills

Information and media literacy

Visual literacy

Communication





Key Element #4

Learning Skills

Thinking and Reasoning Skills

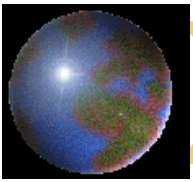
Critical thinking

Systems thinking

Problem solving

Creating and innovating





Key Element #5

Life Skills

Interpersonal and Self-Directional Skills

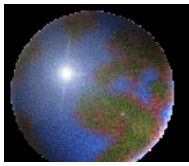
Interpersonal and collaborative skills

Self-direction

Accountability and adaptability

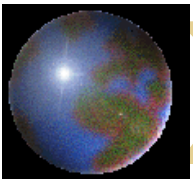
Social responsibility

Ethical behavior



INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) LITERACY FRAMEWORK FOR 21ST CENTURY LEARNING

LEARNING SKILLS +	21 ST CENTURY TOOLS =	ICT LITERACY C
THINKING AND PROBLEM-SOLVING SKILLS	Problem-solving tools (such as spreadsheets, decision support, design tools)	Using ICT to manage complexity, solve problems and think critically, creatively and systematically
INFORMATION AND COMMUNICATION SKILLS	Communication, information processing and research tools (such as word processing, e-mail, groupware, presentation, Web development, Internet search tools)	Using ICT to access, manage, integrate, evaluate, create and communicate information
INTERPERSONAL AND SELF-DIRECTION SKILLS	Personal development and productivity tools (such as e-learning, time management/calendar, collaboration tools)	Using ICT to enhance productivity and personal development

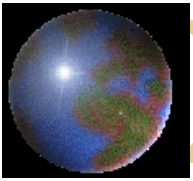


Key Element #6

21st Century Assessments

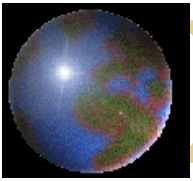
Using high quality assessments that measure students' performance for the elements of a 21st century education





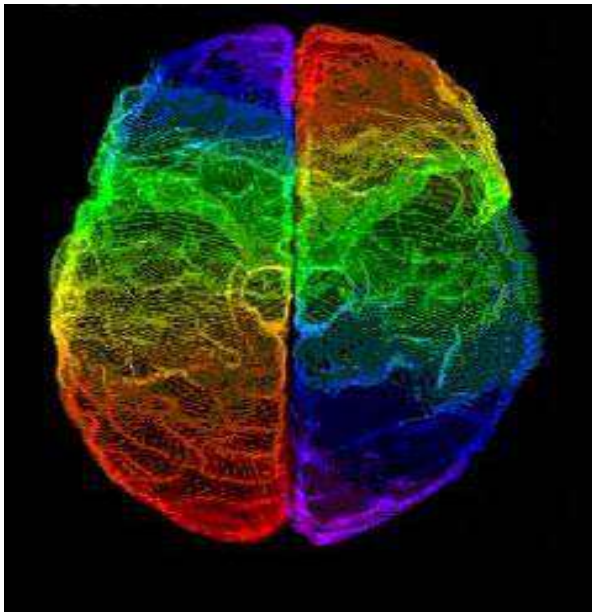
Today's Children are Different

- They think, access, absorb, interpret, process and use information.
- They view, interact and communicate with the modern world.
- Children expect to have instantaneous access to information, goods and services.



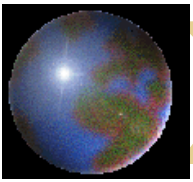
Today's Learners Are Different

The first generation to grow up with computers, videogames, digital music players, video cams, cell phones.



They think and process information fundamentally differently from their predecessors.

Marc Prensky, *Digital Natives, Digital Immigrants* 2001



West Virginia CSO Comparison

Current Policy

RLA.4.1.10 Determine a purpose for reading across the curriculum.

Revised Policy 07/01/08

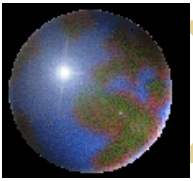
RLA.O.4.1.09 determine author's purposes in literacy and informational texts and use supporting material to justify author's intent:

To persuade

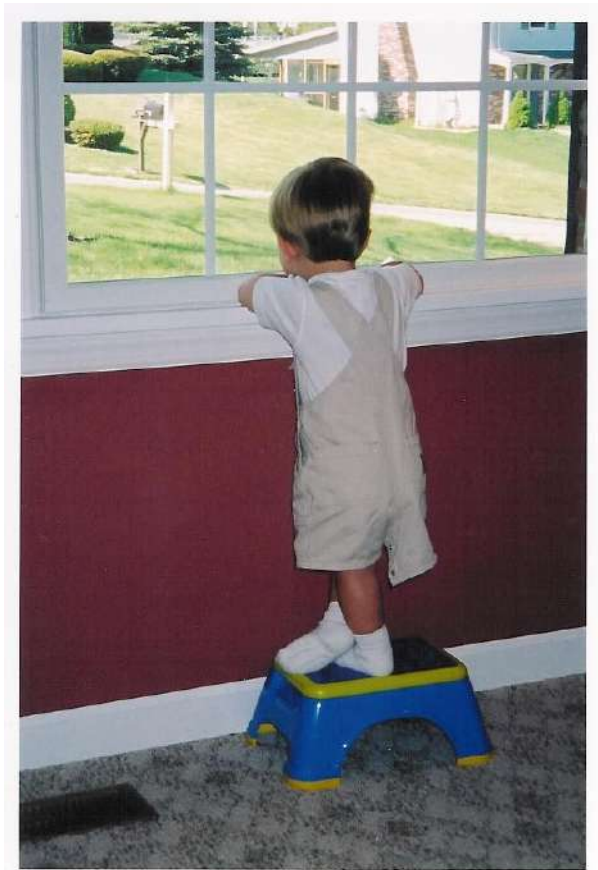
To entertain

To inform

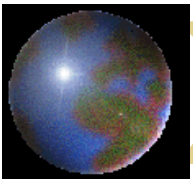
To determine a specific viewpoint



Why the urgency for change?

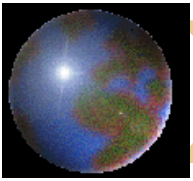


We must prepare our students for careers that do not yet exist.



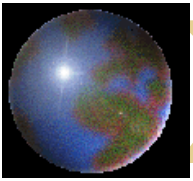
What does 21st Century change look like in the classroom?



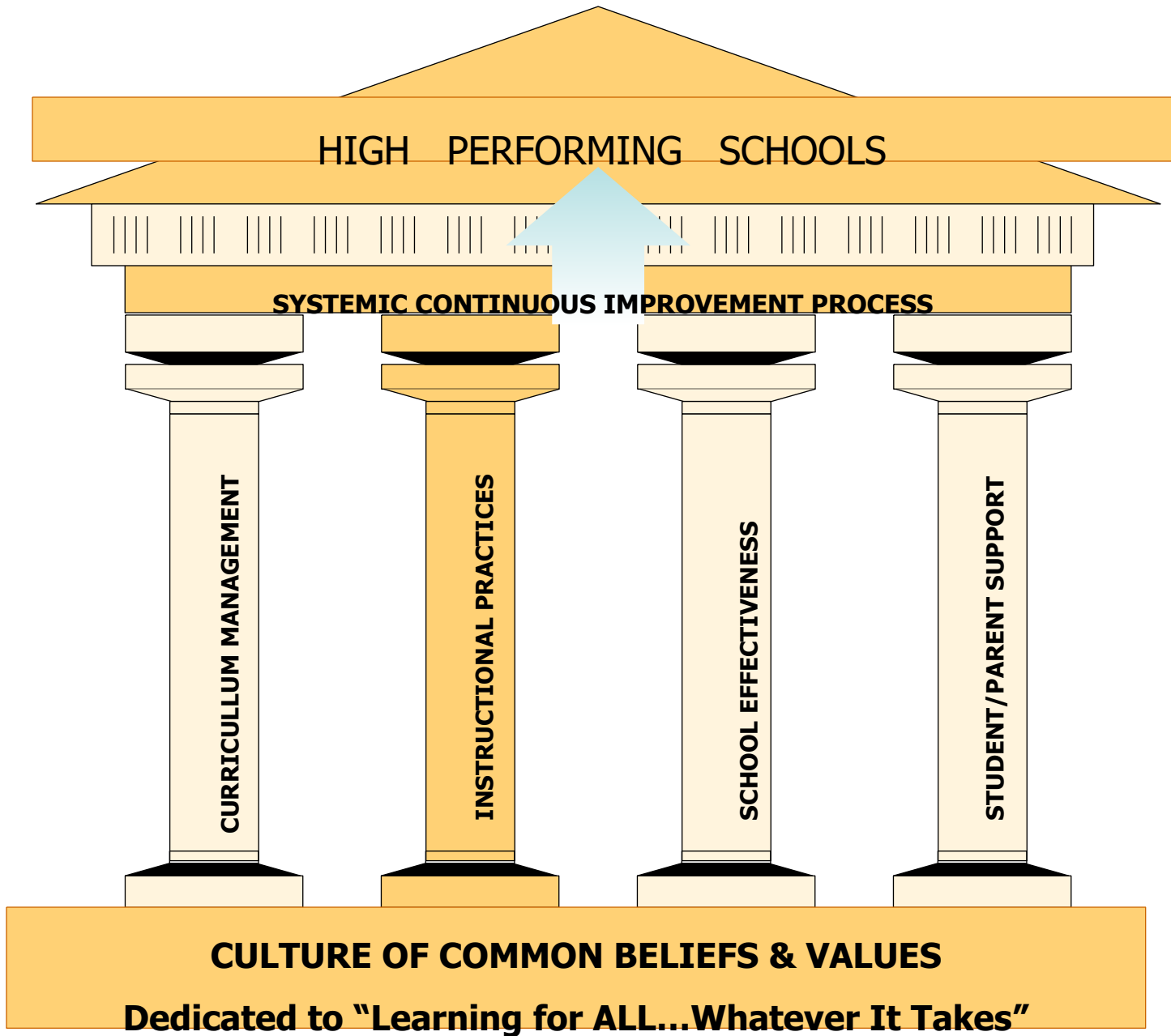


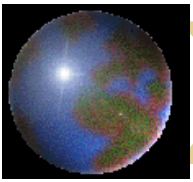
*How do we accomplish this change?
Systemic improvement is accomplished
through a*

- Shared commitment for improvement;
- Defined collaborative improvement process; and
- Recognized importance on utilizing data to impact instructional practices.



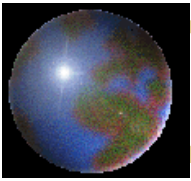
What strategies has the school selected to utilize in implementing change ?





Next Steps

How will the school team share and utilize this information with the entire school staff to focus the school improvement efforts?



Contact Information

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