PreK-12 Digital Curriculum Overview

Department of Curriculum, Instruction, and Digital Learning (CIDL)

Chicago Public Schools

What is the PreK-12 Curriculum System?

A comprehensive collection of **resources, programs, policies, structures and technologies** that are intentionally designed and aligned within a continuous improvement framework to facilitate the academic progress of every child, in every Chicago neighborhood.

The core of the system is a **rigorous, standards-aligned and culturally-relevant digital curriculum**.

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If we successfully implement the PreK-12 Curriculum System, then we will establish consistent expectations for student learning, ensure all CPS students engage with the highest-quality curricular options and increase the return on the district's investments in teaching and learning.

(Access the Full ToA)

Theory of Action

Chicago Public Schools
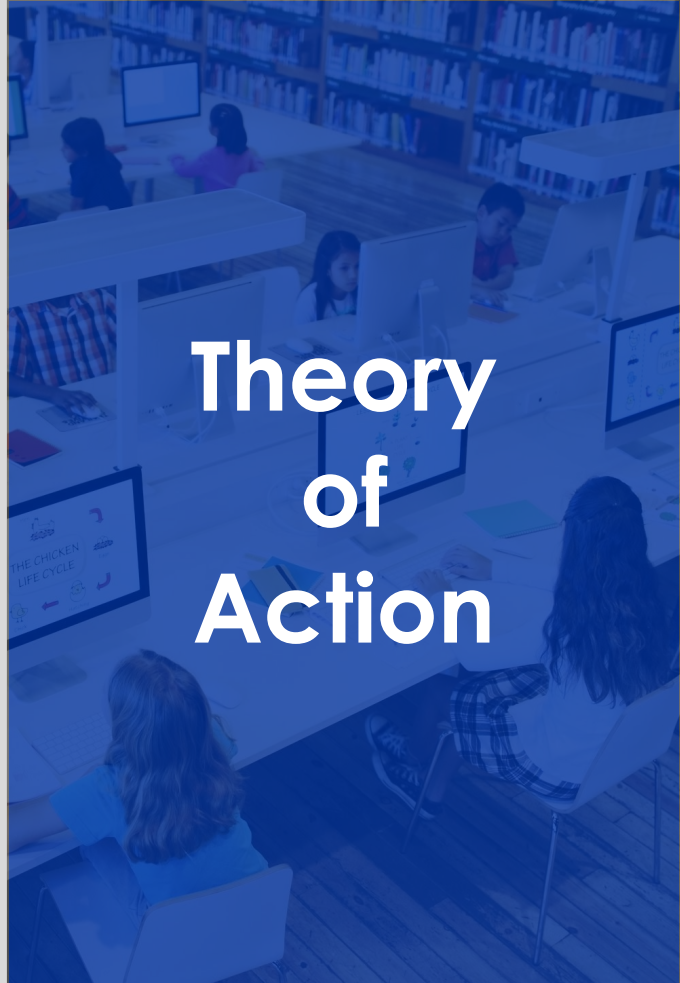
Driven by the Vision

High Quality, Rigorous Instruction
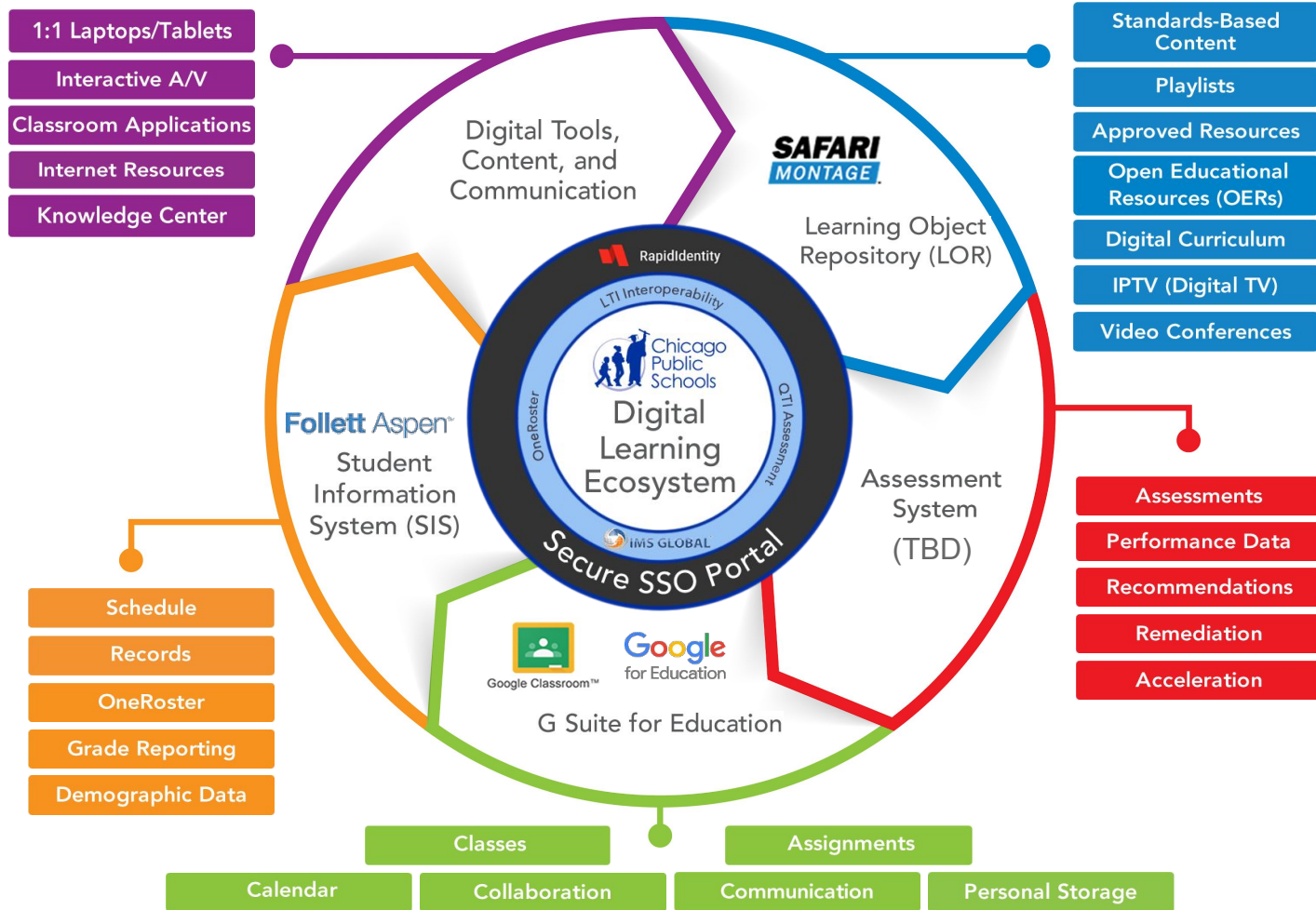Setting high academic standards for all of our students builds a strong foundation for a holistic education.

Collective Impact
Strong partnerships, with trust earned through transparent engagement, allow Chicago's collective expertise to best support student success.

Talented and Empowered Educators
Talented teachers and administrators are a catalyst for student learning.

Safety and Support
Safe and supportive schools create an environment for successful learning.

Financial Stability
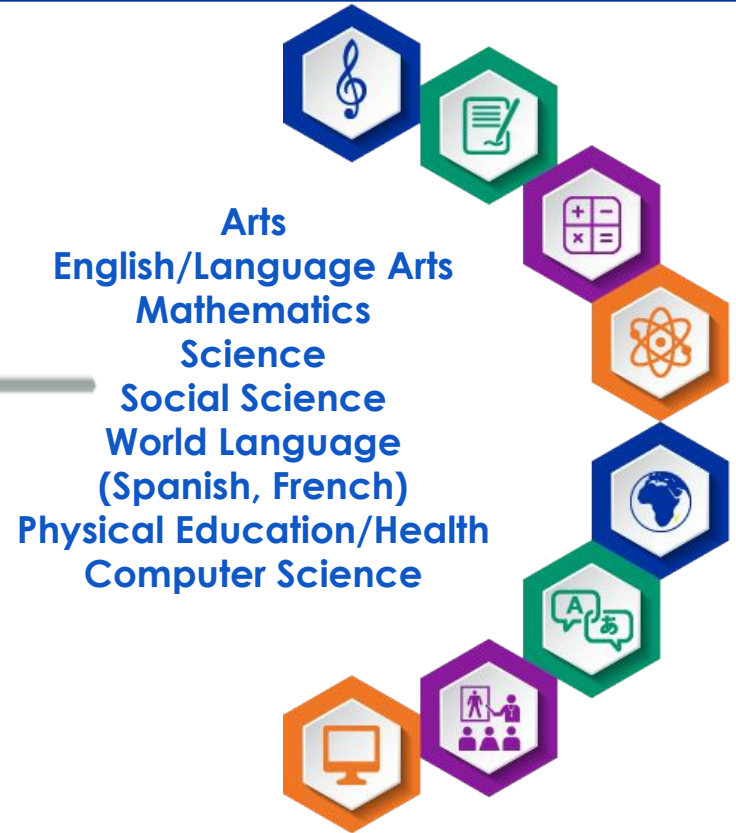A "student first" budget builds a stronger financial future.

ACADEMIC PROGRESS

INTEGRITY

FINANCIAL STABILITY

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Department of Curriculum, Instruction, & Digital Learning

1:1 Laptops/Tablets
Interactive A/V
Classroom Applications
Internet Resources
Knowledge Center

Standards-Based Content
Playlists
Approved Resources
Open Educational Resources (OERs)
Digital Curriculum
IPTV (Digital TV)
Video Conferences

Digital Tools, Content, and Communication

SAFARI MONTAGE

Learning Object Repository (LOR)

RapidIdentity

LTI Interoperability

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Digital Learning Ecosystem

OneRoster

QTI Assessment

IMS GLOBAL

Secure SSO Portal

Follett Aspen

Student Information System (SIS)

Assessment System (TBD)

Assessments
Performance Data
Recommendations
Remediation
Acceleration

Schedule
Records
OneRoster
Grade Reporting
Demographic Data

Google Classroom™

Google for Education

G Suite for Education

Classes
Assignments
Calendar
Collaboration
Communication
Personal Storage

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Elements of the Digital Curriculum

1. Scope and Sequence
2. Units of Study
3. Lessons
4. Curriculum Map
5. One-page Unit Overview
6. Annotated Unit Outline
7. Guidance Documents
8. Recommended Structures
9. Formative, Lesson-level Assessments
10. Formal Unit Assessments
11. Formal Interim Assessments
12. Assessment Items Banks
13. Supplemental Resources

Arts
English/Language Arts
Mathematics
Science
Social Science
World Language
(Spanish, French)
Physical Education/Health
Computer Science

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What is the Curriculum Collaborative?

A team of employees and external partners that will build the district's PreK-12 Digital Curriculum.

Membership will include teachers, APs, principals, students, contracted vendors, content and category specialists, network staff, university partners, CTUF, municipal partners, and community organizations.

Application and recommendation processes will launch in February 2019 to identify educators (employees) for the Curriculum Collaborative.
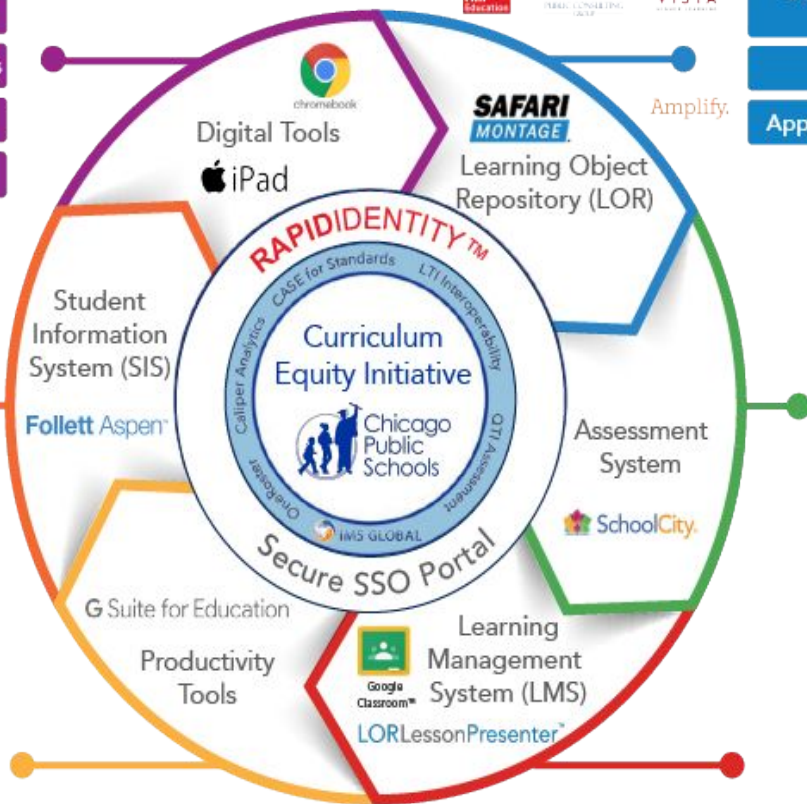
Chicago Public Schools
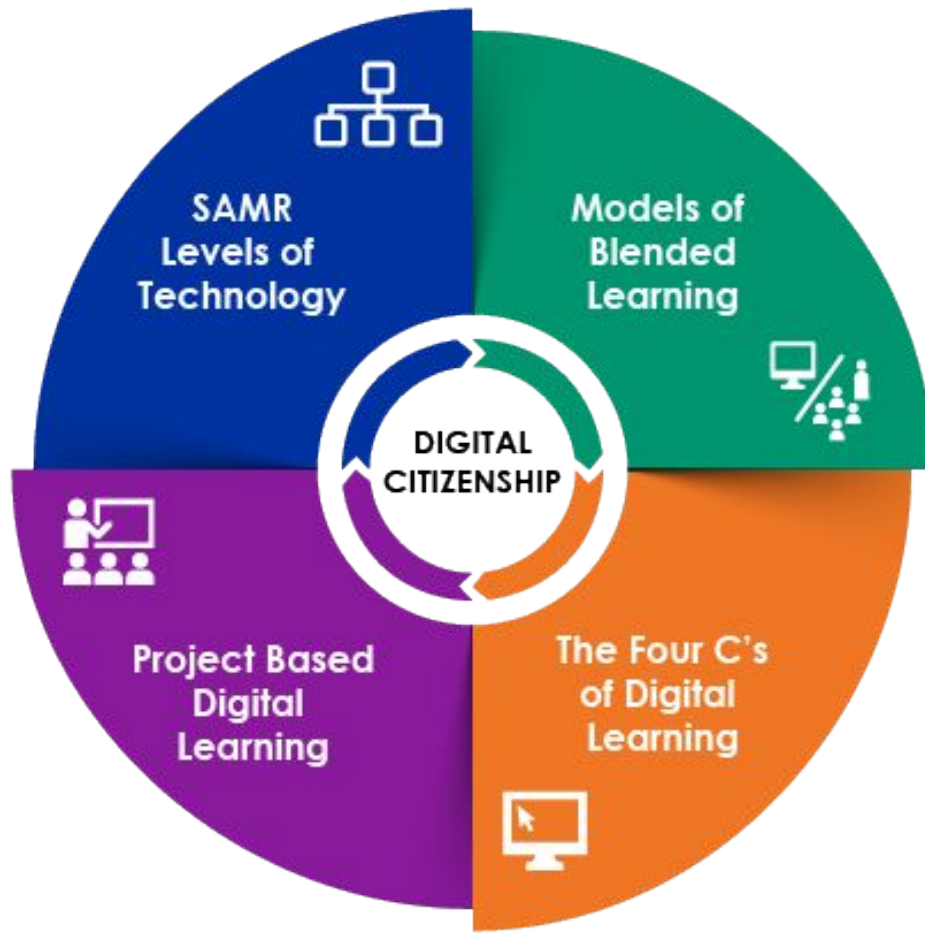
Digital Readiness Training

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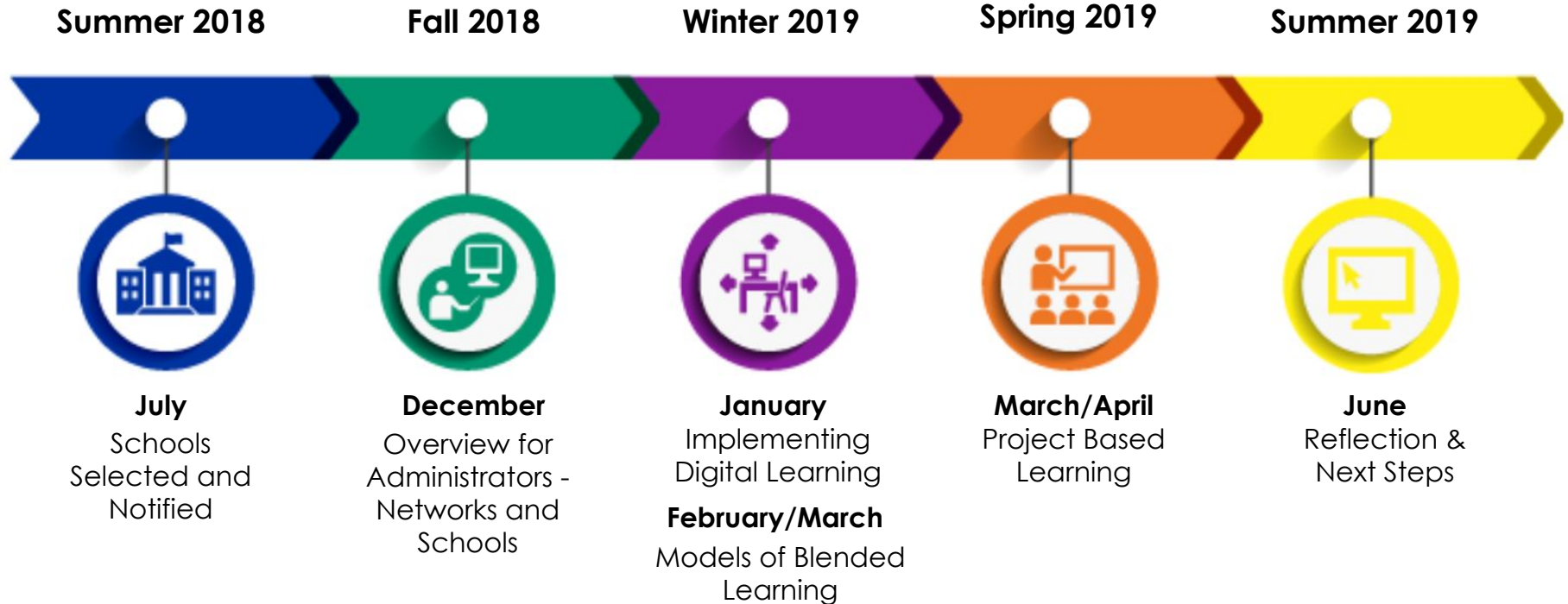
Digital Tools
- 1:1 Laptop/Tablets
- Interactive A/V
- Classroom Applications
- Internet Resources
- Teacher Portal

Chromebook
iPad

Learning Object Repository (LOR)

- Standards-Based Content
- Playlists
- Approved Resources
- IPTV (Digital TV)
- School News
- Open Educational Resources (OERs)

Student Information System (SIS)
Follett Aspen
- Schedule
- Records
- Roster
- Gradebook
- Demographic Data

Assessment System
SchoolCity
- Security
- Assessments
- Performance Data
- Recommendations
- Remediation
- Acceleration

Productivity Tools
G Suite for Education
- Personal Storage
- Presentations
- Spreadsheets
- Collaboration
- Word Processing
- Assignments

Learning Management System (LMS)
Google Classroom
LOR LessonPresenter
- Digital Curriculum
- Classes
- Calendar
- Organization
- Communication

RAPIDIDENTITY™
CASE for Standards
LTI Interoperability
Caliper Analytics
QTI Assessment
OneRoster
IMS GLOBAL

Curriculum Equity Initiative
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Secure SSO Portal

common sense
Edgenuity
Brain POP
Britannica
OverDrive
Destiny Discover
SOAR
GALE
Pebble Go capstone
TLC
MackinVIA

Mc Graw Hill Education
PUBLIC CONSULTING GROUP
VISTA
Amplify.

SAFARI MONTAGE

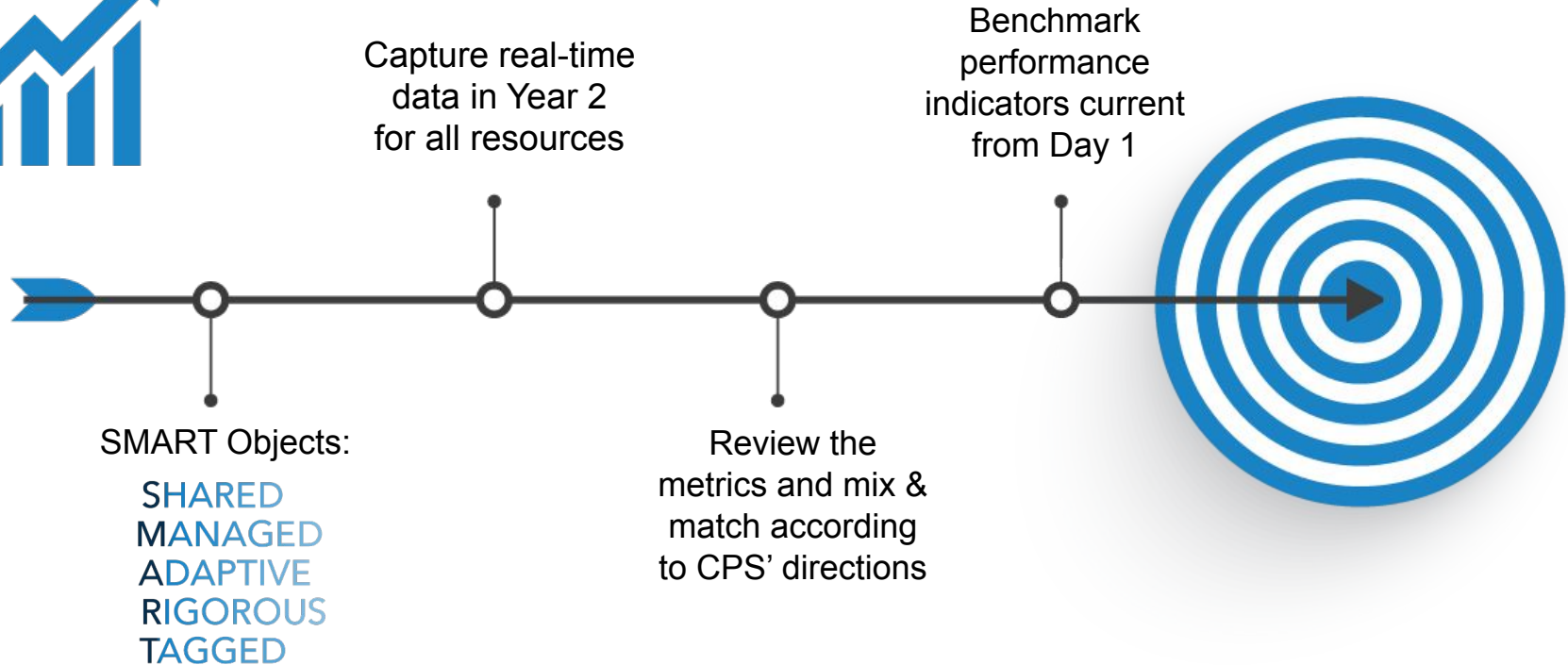# Designing for Interoperability
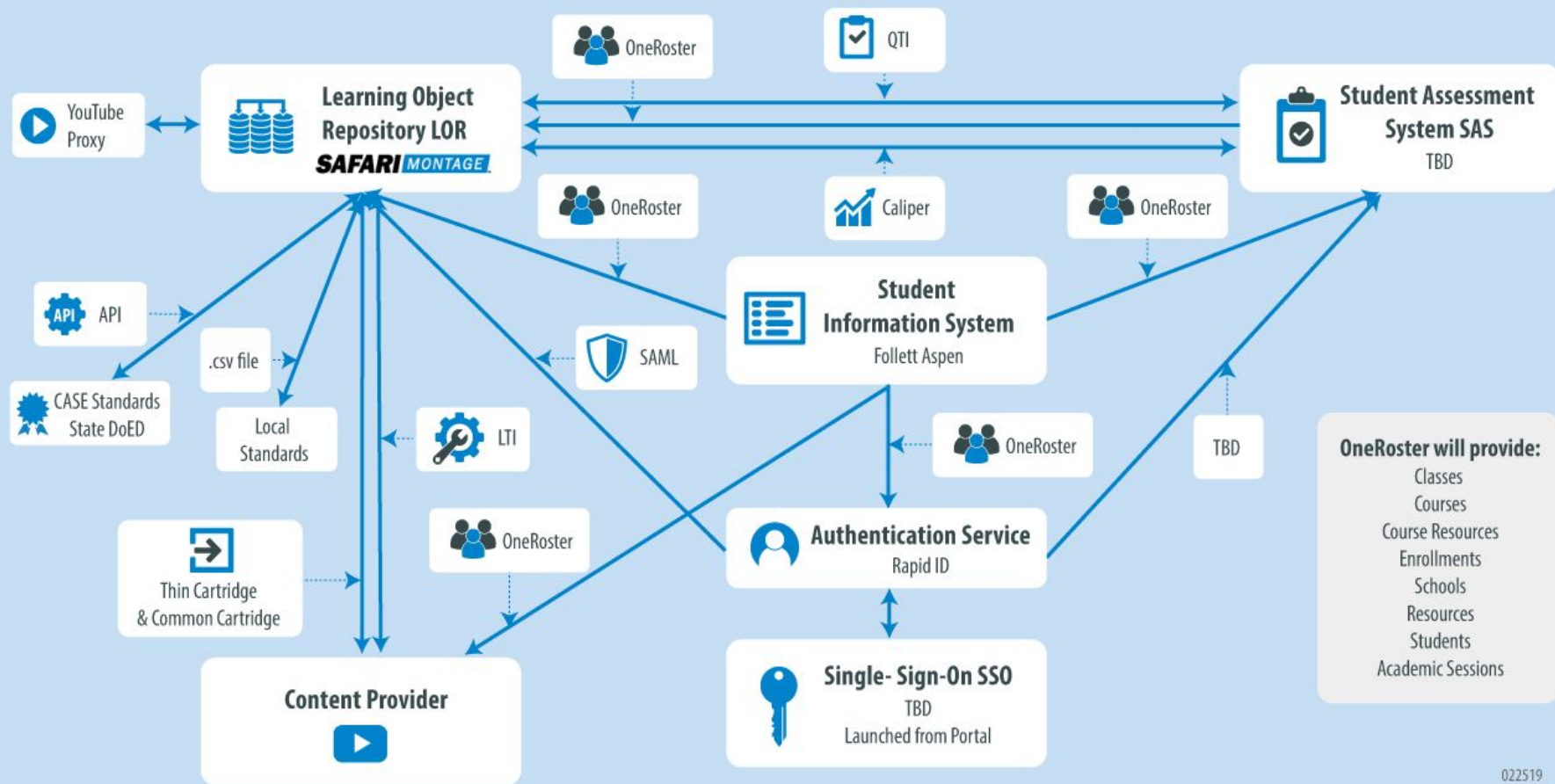
Chicago Public Schools' Technical Target
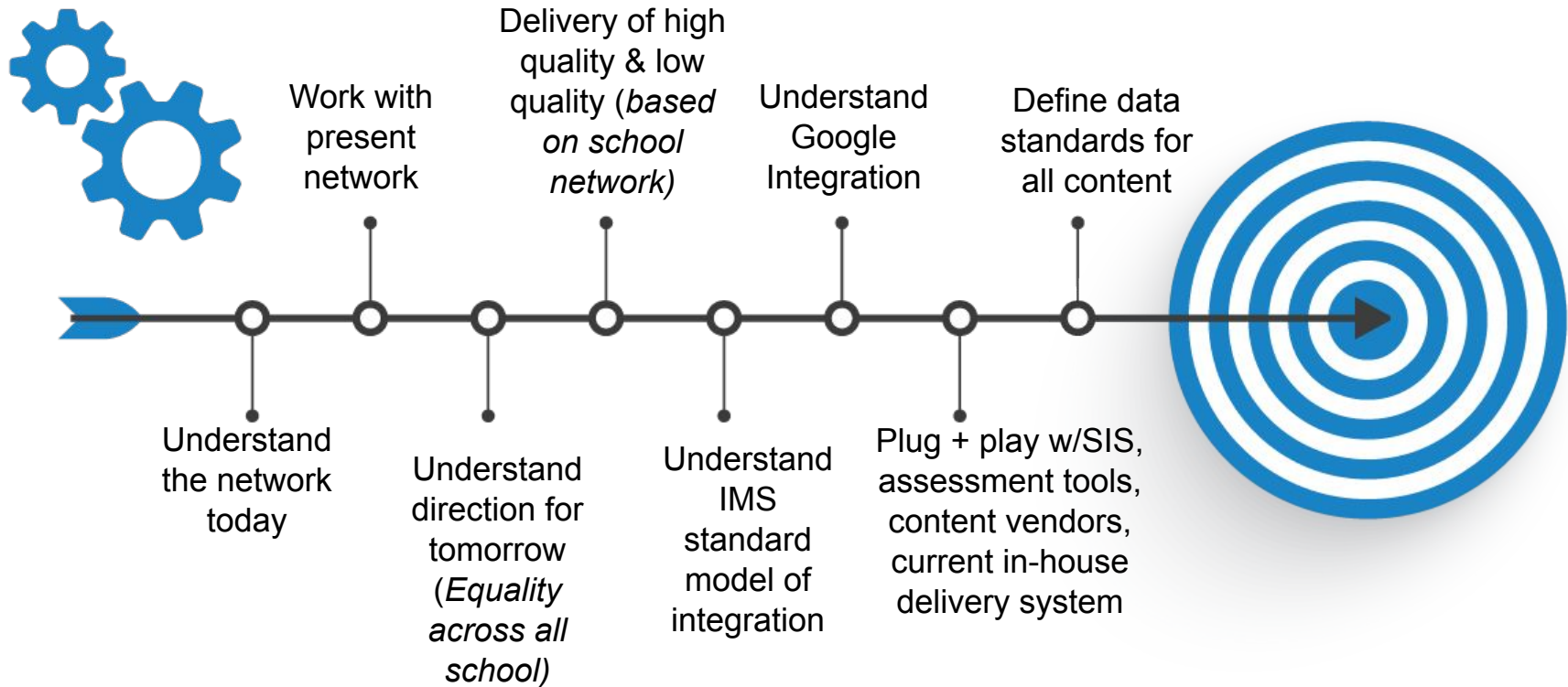
Chicago Public Schools' Analytics Target

Capture real-time data in Year 2 for all resources

Benchmark performance indicators current from Day 1

SMART Objects:

SHARED
MANAGED
ADAPTIVE
RIGOROUS
TAGGED

Review the metrics and mix & match according to CPS' directions

Chicago Public Schools' Vendors Target

Provided iframe
technical playlist

Assessments
built into each
lesson

Provide content
via IMS Common
Cartridge
& Thin CC

Enable
modifications of
their lessons
by any teachers

Caliper
Analytics
output by
iframe

SEARCH

VIEWS:
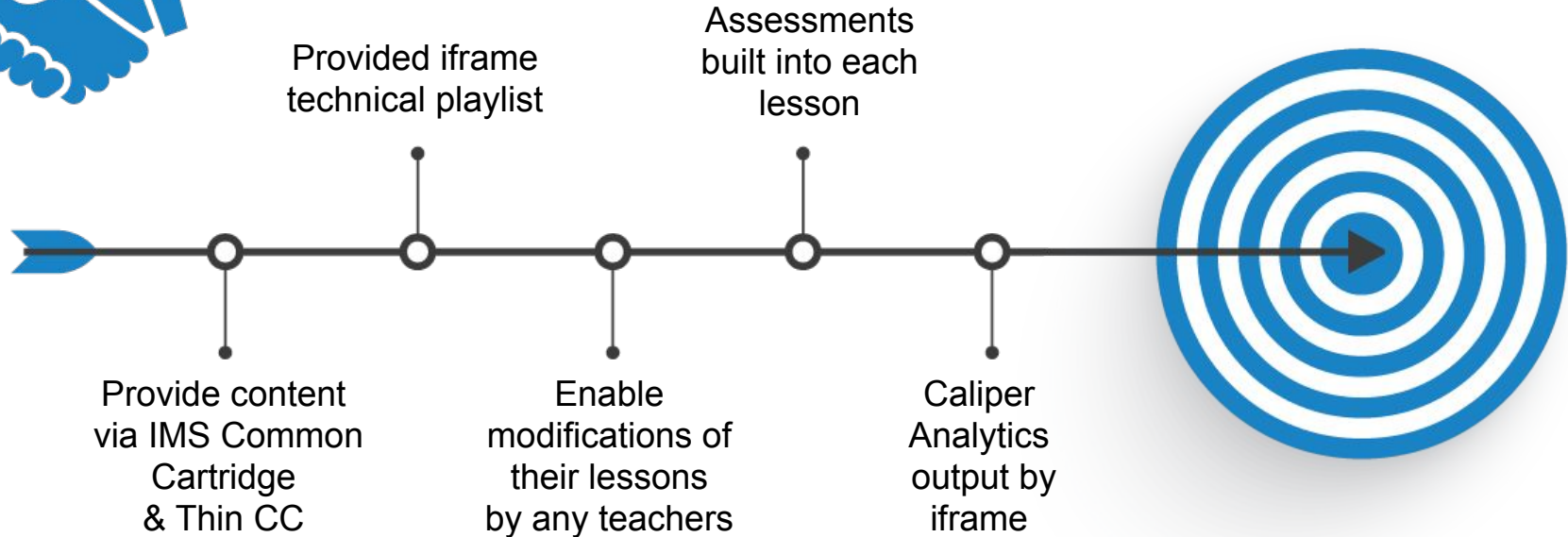
Think-Pair-Share

- In the paragraph that begins 'The first two helicopters,' to what does Shapiro compare the landing deck?
- How is this comparison an analogy? What does it explain?
- Imagine two helicopters parked on a tennis court and more helicopters wanting to land. How does this analogy impact meaning and tone?

Grade 8.1.a Lesson 9: Analyze Word Choices in "Forgotten Ship" and Inside Out & Back Again

Running Time: 1 min 45 sec

What is home?

Playlist Information

Objectives:
- I can analyze the impact of word choice on meaning and tone in "Forgotten Ship." (RIL.8.4)
- I can analyze the impact of word choice on meaning and tone in Inside Out & Back Again. (RL.8.4)
- I can use context to determine the meaning of unknown words in Inside Out & Back Again and "Forgotten Ship." (L.8.4.a)

Student Instructions:

This lesson builds on work in Lesson 8. You will analyze how words and phrases impact meaning and tone in literary and informational texts and continue to practice determining the meaning of unfamiliar vocabulary in context.

Description:

Narrators Chart

Vocabulary from Context

Definitions

Word Choice, Meaning, and Tone Note-Catcher

Think-Pair-Share

Analyze Word Choice, Meaning, and Tone: "Forgotten Ship," Section 2

Vocabulary to Provide Directly

STUDENT

Grade 4 | Energy Conversions
Lesson 2.1: Energy Converters
AmplifyScience

SEARCH
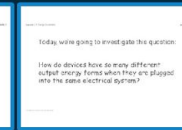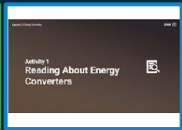
VIEWS:

BUILD   RUN   ANALYZE

REBUILD

100   100   0

Sun   Solar Panel   Motor   Flywheel
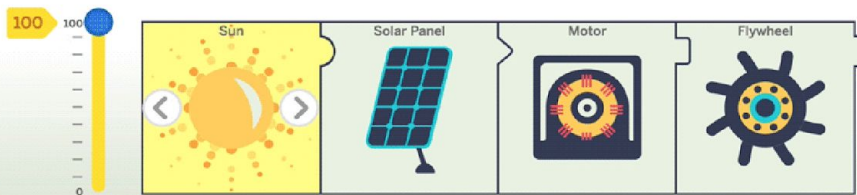
Energy Conversions: Lesson 2.1: Energy Converters

Running Time: 1 min 44 sec

What makes the devices in Ergstown output energy or fail to output energy?

Playlist Information

Student Instructions:
Open the playlist and follow the prompts.

Description:
Vocabulary
- convert
- converter
- electrical energy
- energy
- forms (of energy)
- function
- system

Energy Conversions: Lesson 2.1.36 - Energy Converters

💬 Notes to Instructor (Not visible to students):
Notes to Instructor:
✋Teacher demo options:
Play the video on the next slide OR open the Energy Conversions Simulation and conduct the live demonstration described below.
• Press "Select Energy Source" and select SUN.

CPS Remote Learning Spring 2020

- CPS provided students with 100,000+ Chromebooks and Wi-Fi hotspots.
- SAFARI Montage broadcast over 700 Schlessinger Media educational programs to 4 Chicago-area television stations in English and Spanish
- Hundreds of professional learning opportunities created and facilitated by CIDL
- Digital resources selected and made available district-wide including simultaneous-use eBooks

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