Education in the **Age of AI**

Imagining, Preparing, and Planning for the Future

KCS | KNOX COUNTY SCHOOLS

KCS

58,000+ students

91 schools

9,000+ employees

5 Regions

4 Operational Divisions

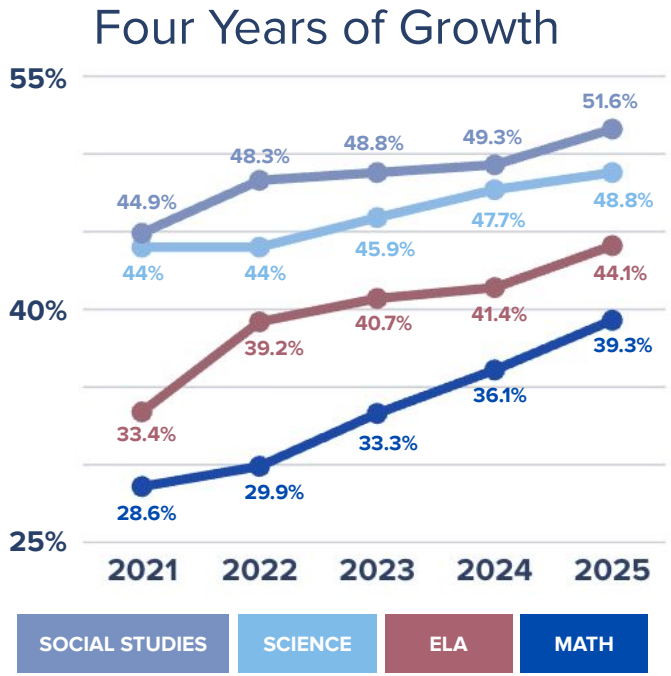
4 Priorities

One Goal:

To graduate every student ***Future Ready***, through:

- **Enrollment** in a postsecondary institution;
- **Enlistment** in the military; or
- **Employment** in a high-wage, high-demand career.

Grounded in Growth, Ready to Innovate



TVAAS

5

ELA | MATH | SCIENCE
SOCIAL STUDIES | COMPOSITE

Our AI Philosophy

Artificial Intelligence (AI) is a:

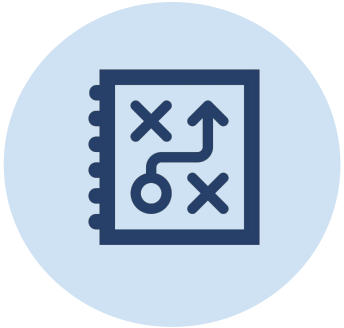
 **Tool**

 **Workforce Reality**

We use tools to ***save time*** and ***create capacity***. We are responsible for ***preparing students for the world*** they will inherit. In short, everything we do, we do to ***enhance student outcomes.*** **Using AI is no exception.**

Beginning with the **END IN MIND**

LONG-RANGE:
Future Forward Planning



ONGOING:
Laying the Foundation

TODAY:
Policy Implications

What We Know

Dr. Jon Rysewyk, Superintendent

100% Workforce Impact

90% of professionals will **use AI**

It's our job to prepare for it all.

9% will be **AI experts**

1% will be **AI creators**

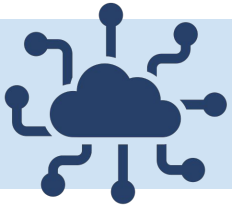
Future Forward Planning

Dr. Jon Rysewyk, Superintendent

The 90% AI Users	The 10% AI Experts / Creators
→ Critical and creative thinking skills → Individualized lesson modifications	→ Critical and creative thinking skills → Individualized lesson modifications
→ Mastery-based instruction	→ Mastery-based instruction → Dedicated computer-science, **AI-focused pathways**

Future Forecast

Dr. Jon Rysewyk, Superintendent



AI-Integrated Innovative School

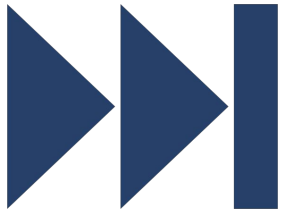
- Piloting self-paced mastery-based instruction with capacity to scale for:
  - Broadscale intervention / tutoring services
  - Enhanced enrichment
  - Extended school day learning (aftercare providers)
- Emphasis on critical and creative thinking skills
- CTE offerings to prepare students for AI-centered fields

Laying the Foundation

Freddie Cox, Chief Technology Officer

Our AI governance needed to be:

SAFE



EFFICIENT

INTENTIONAL

Laying the Foundation

Freddie Cox, Chief Technology Officer

So we anchored guidelines in existing guardrails:

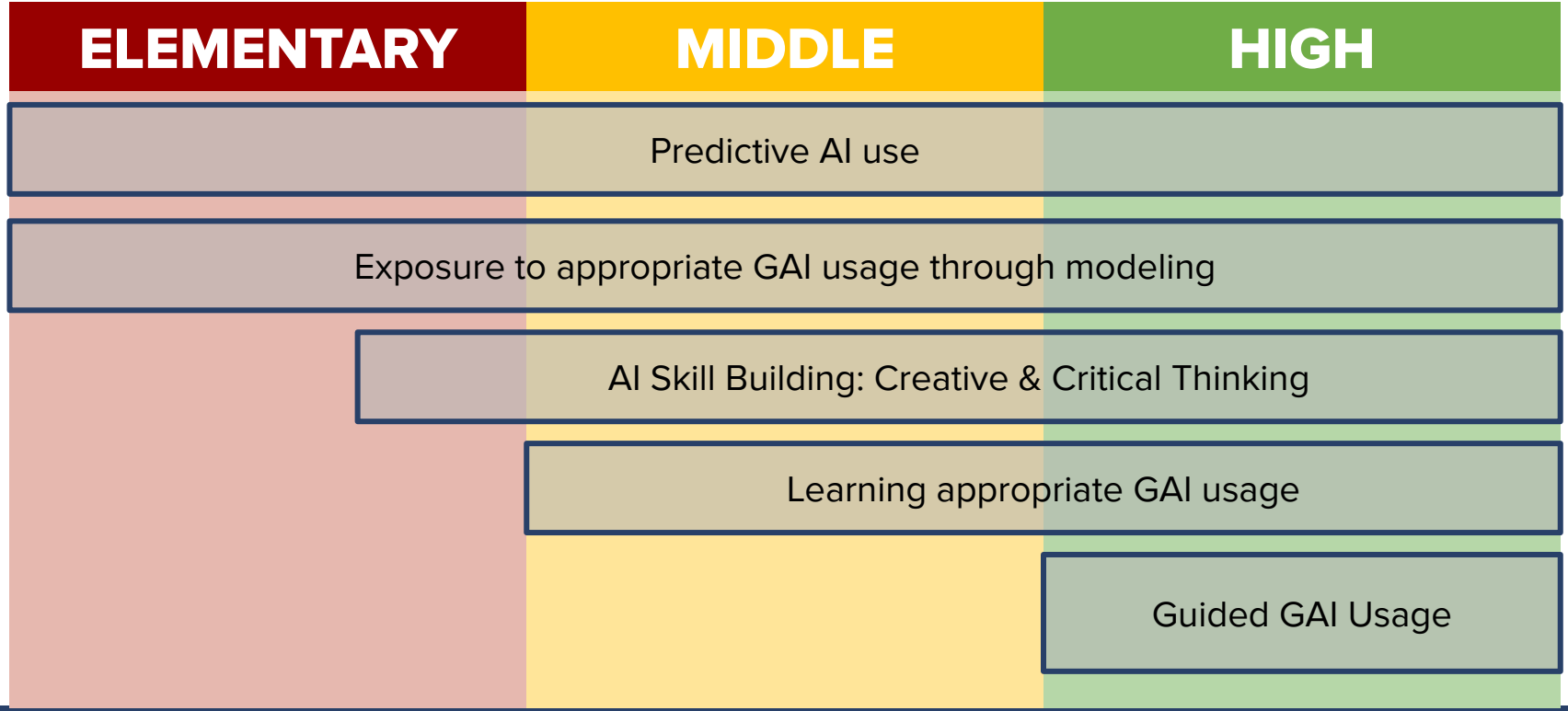
Software Review Committee

Academic Dishonesty & Discipline

Filtering Software & Sign-in Restrictions

Age-Appropriate AI Usage

Freddie Cox, Chief Technology Officer



Policy Implications

Kori Lautner, Assistant Superintendent of Impact & Policy

Preserving Space to Innovate

Challenging Assumptions

Policy Implications

Kori Lautner, Assistant Superintendent of Impact & Policy

Preserving Space to Innovate

- ➔ Enacting and maintaining safeguards to protect student and staff data
- ➔ Focusing on age-appropriate training, exposure, and use
- ➔ Requiring use remaining ethical and professional

Preserving opportunities to learn.

Districts will need time and space to explore the boundaries of safe, effective, and age-appropriate AI usage.

Preserving time to experiment, learn, and innovate could **maximize staff time** and will **position Tennessee graduates to enter the workforce *future ready*.**

Policy Implications

Kori Lautner, Assistant Superintendent of Impact & Policy

AI will change the face of education and the workforce.

Remaining at the forefront will mean being open to new ways of doing routine things and expanding our understanding of the skills students will need to succeed after graduation.

Challenging Assumptions

- **Creating Opportunities for the 10%**
  - New CTE Courses
- **Benefitting All Students:**
  - Personalizing instruction
  - Thinking differently about “time”
  - Skill building in critical & creative thinking

Questions