



Technology Vision 2021



Pearland ISD
Technology
Department



November 9, 2021

ABOUT THE PROCESS

The implementation of a robust technology vision is only possible when all parties have a voice in the process.

During the development of this vision, stakeholders from throughout the district had input in its crafting.

We explored best practices, the current district reality, and the challenges that lie ahead.

It was determined to create a blueprint that was both aspirational and practical in nature.

Meet the Committee

BRITTANY MARTINEZ

Teacher

DR. TOBY NIX

Director of CTE

MARGO GIGEE

Director of Advanced Academics

KELLY HOLT

Executive Director of High Schools

DR. LAKESHA HENSON-VAUGHN

Executive Director of Intermediate Schools

TANGILA WEBB

Learning Technology Administrator

DR. LAURA REEVES

Director of Education Technology

RENJI PAUL

Teacher

MIKE AKIN

Career Coordinator

TOM BELL

Director of Fine Arts

KIM HOCOTT

Director of Communications

DR. BRENDA WATERS

Assistant Superintendent for Elementary Education

ADAM O'BANION

Director of Development and Data Management

EMILIO GARCIA

Director of Information Technology and Network Security

KELLY BERKENPAS

Teacher

DR. LISA NIXON

Assistant Superintendent of Special Programs

DAWN LYSSY

Director of Elementary Instruction

BONNIE SCHEIDT

Director of Secondary Instruction

DR. SUSANA FRANCO-FUENMAYOR

Director of Bilingual Studies

DR. NYLA WATSON

Chief Academic Officer

JON-PAUL ESTES

Chief Technology Officer

Meet the Presenters

JON-PAUL ESTES

Chief Technology Officer

DR. LAURA REEVES

Director of Education Technology

ADAM O'BANION

Director of Development and Data Management

EMILIO GARCIA

Director of Information Technology and Network Security

DR. NYLA WATSON

Chief Academic Officer



Vision Topics



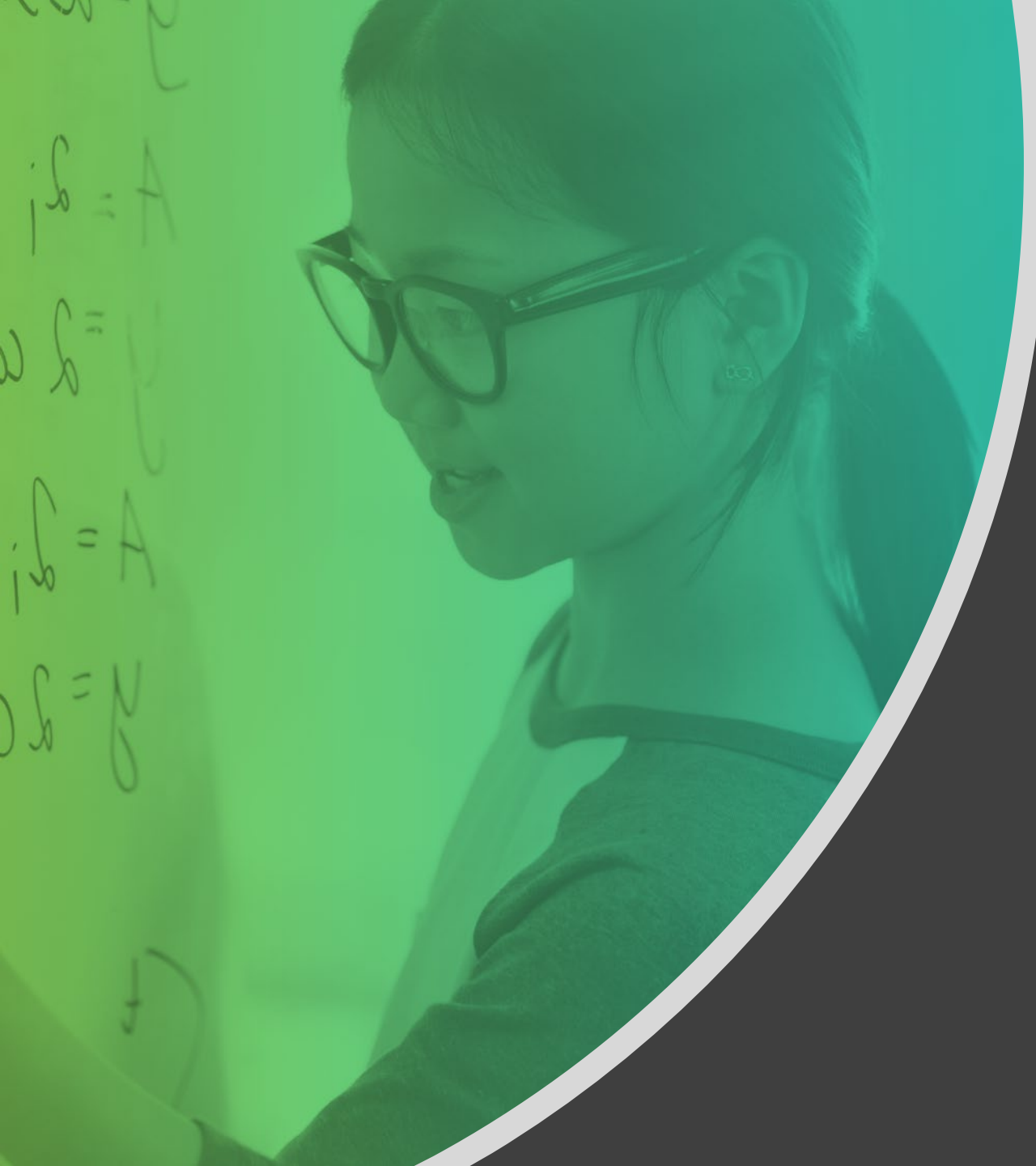
1:1 Computing

- Challenges
- Benefits
- Lessons learned
- Recommendations



Learning Management Systems

- Canvas
- Seesaw
- Vision for virtual learning



Educational Tools

- Office 365
- Online textbooks
- Part of any virtual offering



Measuring Success

- Impact on Learning
- Access to devices
- Essential skills
- Classroom usage



Systems Integration

- Avoid duplication of data
- Establish “system of record”
- Consistency of data
- Ease of access for students, parents, and teachers



Reporting

- Data Warehouse
- Greater accessibility
- Greater accuracy
- Quicker availability



Cloud First Approach

- Private vs. Public Cloud vs. Hybrid
- Remove hardware limitations
- Increase monitoring
- Business continuity



Security

- Multifactor Authentication
- Endpoint Analysis
- 24/7 outsourced monitoring
- Disaster Recovery

Closing Thoughts



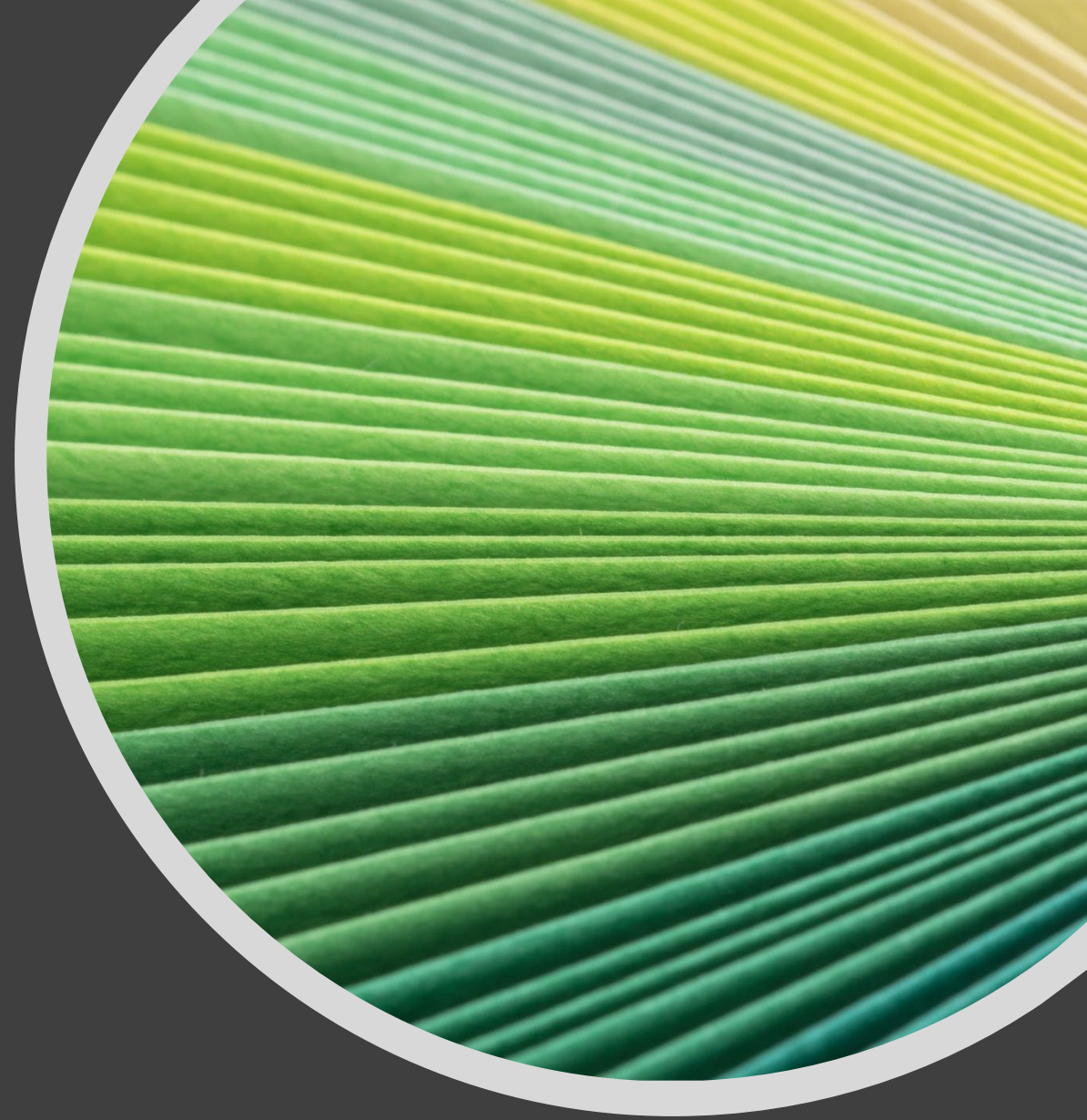
Vision



Solutions



Partnerships





QUESTIONS?



