

Jack Abrams STEM Magnet School

**Open House
Thursday, February 4, 2021**

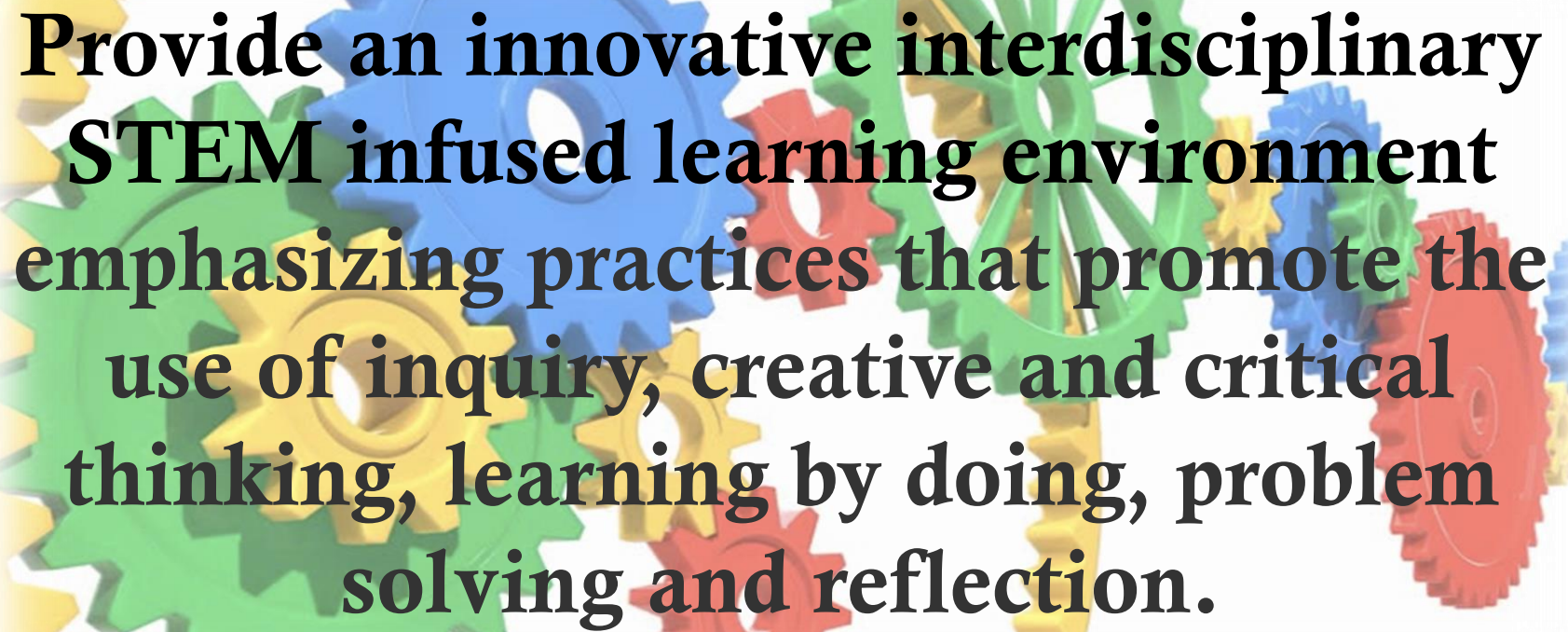
Huntington Union Free School District
“A Tradition of Excellence”



Agenda

- ◆ Brief Overview STEM Curriculum
- ◆ STEM School Events
- ◆ Innovation Lab
- ◆ Schedule & Clubs
- ◆ Virtual Building Tour
- ◆ Q & A

Our Overarching Goal



Provide an innovative interdisciplinary STEM infused learning environment emphasizing practices that promote the use of inquiry, creative and critical thinking, learning by doing, problem solving and reflection.

STEM Units & Lessons

Integration of Content Standards



Connections Between Subjects

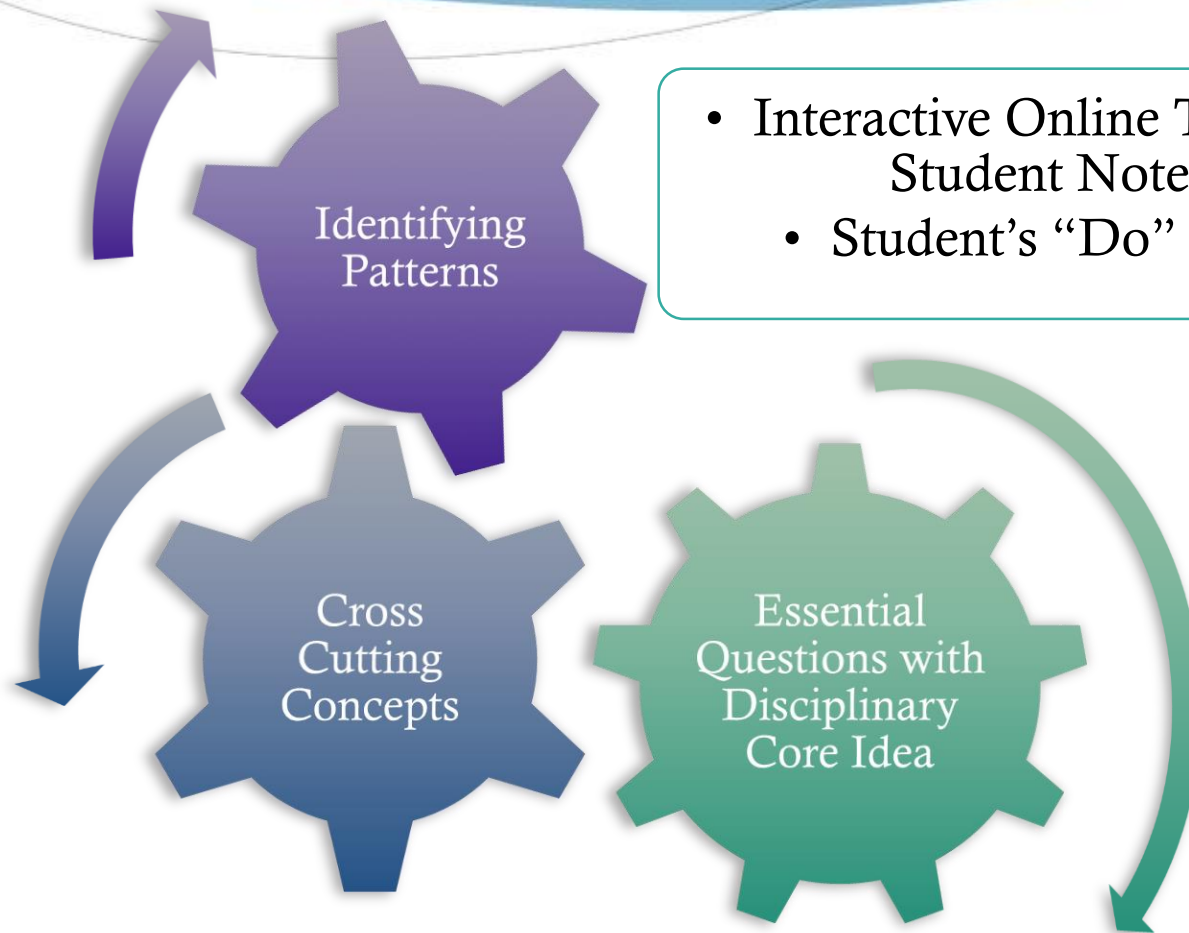


Connections to Real World



Purpose & STEM Careers

Science & PBL (Project Based Learning) Curriculum



- Interactive Online Textbook & Student Notebook
 - Student's "Do" Science

Innovation Lab



- ◆ Hands- on Independent Engineering Activities
- ◆ Hands-on activities that support application of our science and PBL classes
- ◆ Exposure to Robotics through an Introduction to First Lego League Competitions.

STEM Events

- 🔹 First Lego League
- 🔹 Technology Night
- 🔹 Invention Convention
- 🔹 Rollercoaster Engineering
- 🔹 Science Inquiry Fair



STEM EVENTS



Teaming in Grades 5&6!

- ◆ We are team teaching in both 5th & 6th grade
- ◆ Grade 5 (2 teachers – one ELA & one Math)
- ◆ Grade 6 (3 teachers – one ELA, one Math, one Science)

Benefits of teaming:

- ❑ Promotes collaboration
- ❑ Consistency of instruction
- ❑ Content specialists
- ❑ More interaction between students
- ❑ More movement throughout the day
- ❑ Exposure to different teaching styles

SAMPLE SCHEDULE

Grade 4

Monday	Tuesday	Wednesday	Thursday	Friday
Innovation Lab	Band	Chorus	Health (1 Qtr)	Orchestra
Math	Math	Math	Math	Math
ELA	ELA	ELA	ELA	ELA
PE	PE	PE	Music	Art
Science	Science	Science	Science	Science
Library	Enrichment & Support	Social Studies	Social Studies	Enrichment & Support

SAMPLE SCHEDULE

Grade 5

Monday	Tuesday	Wednesday	Thursday	Friday
RTI	RTI	Innovation Lab	Health	Art
ELA Teacher	ELA Teacher	ELA Teacher	ELA Teacher	ELA Teacher
PBL	PBL	Science	PBL	Science
Science	Science	PBL	Science	PBL
LUNCH				
PE	Library	PE	PE	Music
Math Teacher	Math Teacher	Math Teacher	Math Teacher	Math Teacher

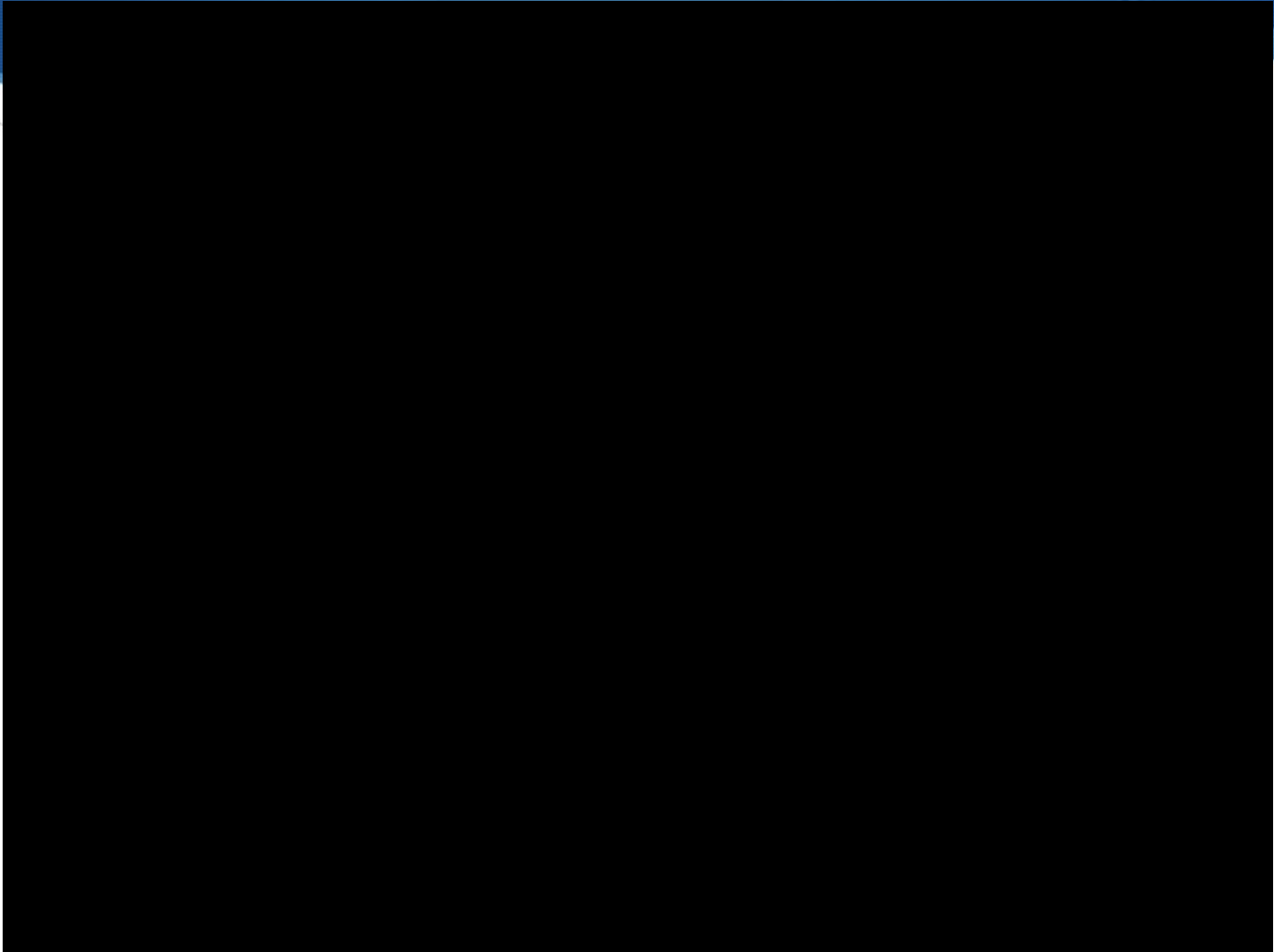
Grade 6

Monday	Tuesday	Wednesday	Thursday	Friday
RTI	RTI	Innovation Lab	Library	Music
ELA Class	ELA Class	ELA Class	ELA Class	ELA Class
Math Class	Math Class	Math Class	Math Class	Math Class
Lunch				
PE	Art	PE	Health	PE
Science Class	Science Class	Science Class	Science Class	Science Class
PBL	PBL	PBL	PBL	PBL

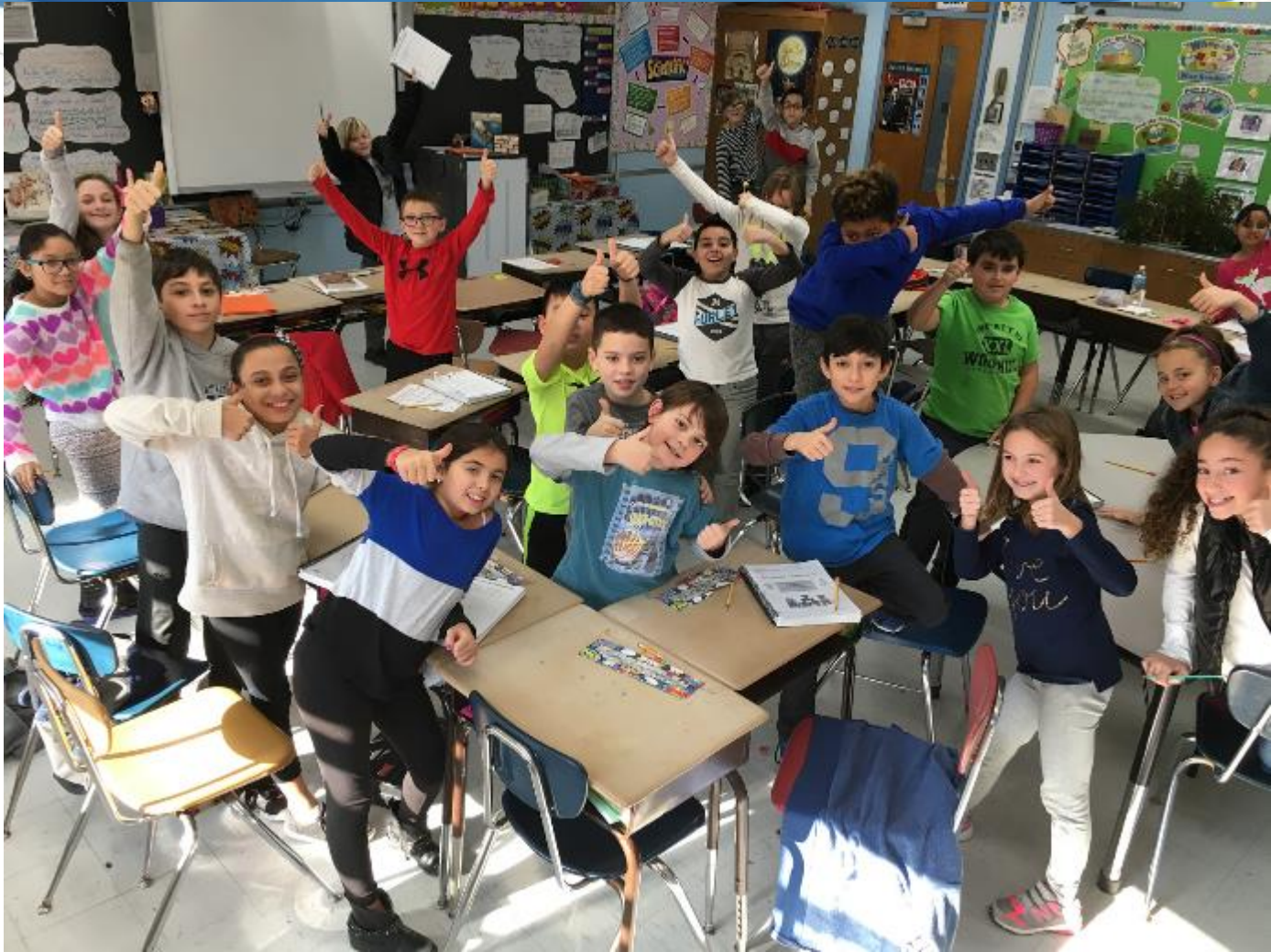
Extracurricular Activities

- ◆ Student Council
- ◆ Newspaper Club
- ◆ Bridge Club
- ◆ Computer Club
- ◆ Garden Club
- ◆ Drama Club

Virtual Building Tour



We look forward to welcoming you!



Questions??



La escuela de Jack Abrams STEM

**La jornada de puertas abiertas
Jueves, 4 de febrero del 2021**

Distrito Escolar de Huntington
“A Tradition of Excellence”

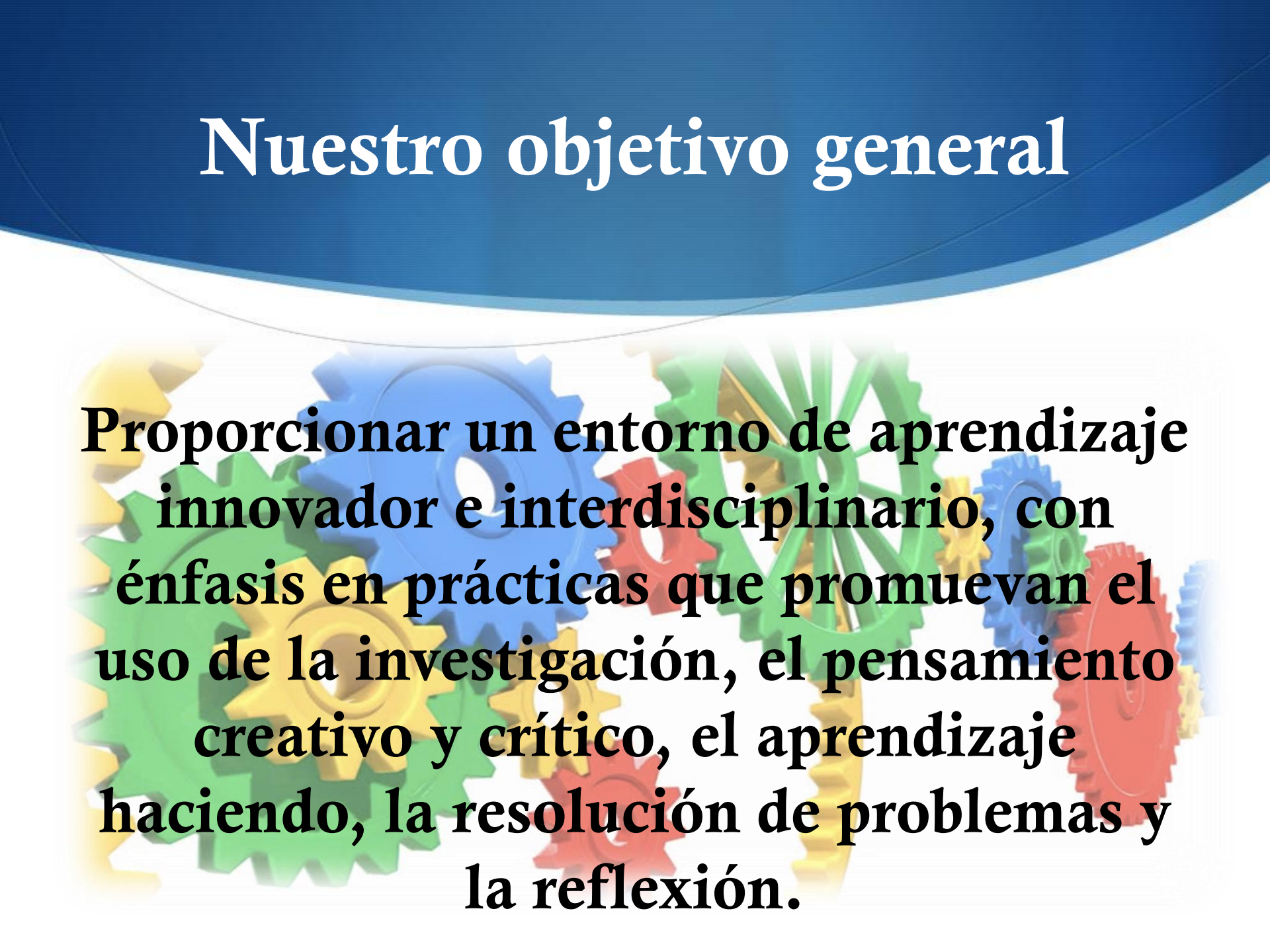


El orden del día

- ◆ Breve visión general del plan de estudios STEM
- ◆ Eventos escolares STEM
- ◆ Laboratorio de innovación
- ◆ Horario y Clubes
- ◆ Recorrido escolar virtual
- ◆ Preguntas y respuestas

Nuestro objetivo general

Proporcionar un entorno de aprendizaje innovador e interdisciplinario, con énfasis en prácticas que promuevan el uso de la investigación, el pensamiento creativo y crítico, el aprendizaje haciendo, la resolución de problemas y la reflexión.



Unidades y lecciones

Integración de estándares de contenido



Conexiones entre sujetos



Conexiones con el mundo real



Propósito & carreras de STEM

Los programas de estudios de ciencia y aprendizaje basado en proyectos



Laboratorio de innovación



- ◆ Actividades de ingeniería independientes
- ◆ Actividades prácticas que apoyan la aplicación de nuestras clases de ciencias y PBL
- ◆ Exposición a la robótica a través de una introducción a las competiciones de la First Lego League.

Eventos en STEM

- 🔹 First Lego League
- 🔹 Noche tecnológica
- 🔹 Convenio sobre la invención
- 🔹 Ingeniería de montaña rusa
- 🔹 Feria de investigación científica



EVENTOS EN STEM



¡Equipo en los grados 5 y 6!

- ◆ Estamos enseñando en equipo tanto en 5° como en 6° grado
 - ◆ Grado 5 (dos maestros – ELA y matemática)
 - ◆ Grado 6 (tres teachers – ELA, matemática y ciencia)

Beneficios de la enseñanza en equipo :

- ❑ Promueve la colaboración
- ❑ Consistencia de la instrucción
- ❑ Contenido especialistas
- ❑ Más interacción entre los estudiantes
- ❑ Más movimiento a lo largo del día
- ❑ Exposición a diferentes estilos de enseñanza

HORARIO DE MUESTRA

Grado 4

Monday	Tuesday	Wednesday	Thursday	Friday
Innovation Lab	Band	Chorus	Health (1 Qtr)	Orchestra
Math	Math	Math	Math	Math
ELA	ELA	ELA	ELA	ELA
PE	PE	PE	Music	Art
Science	Science	Science	Science	Science
Library	Enrichment & Support	Social Studies	Social Studies	Enrichment & Support

HORARIO DE MUESTRA

Grado 5

Monday	Tuesday	Wednesday	Thursday	Friday
RTI	RTI	Innovation Lab	Health	Art
ELA Teacher	ELA Teacher	ELA Teacher	ELA Teacher	ELA Teacher
PBL	PBL	Science	PBL	Science
Science	Science	PBL	Science	PBL
LUNCH				
PE	Library	PE	PE	Music
Math Teacher	Math Teacher	Math Teacher	Math Teacher	Math Teacher

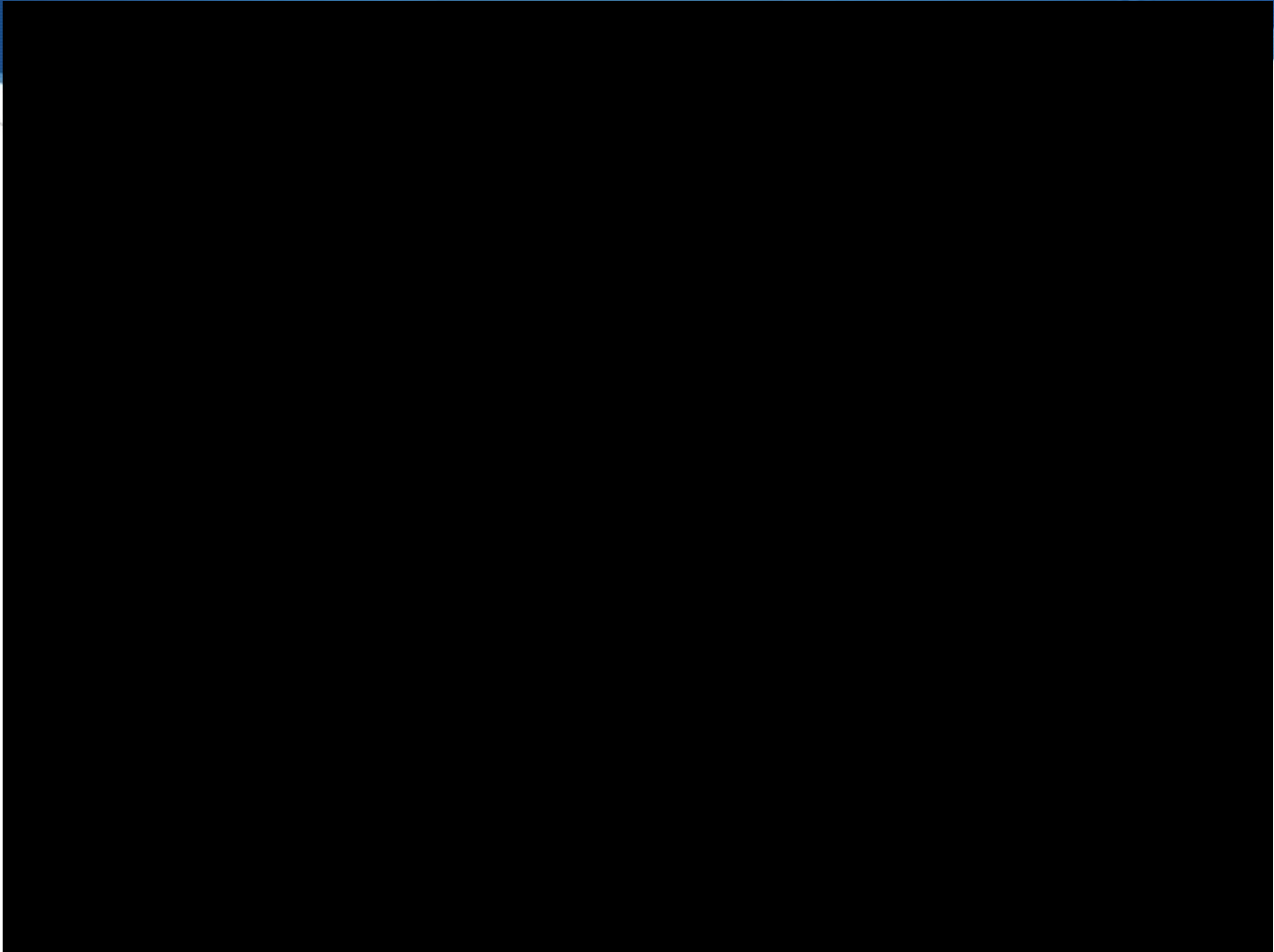
Grado 6

Monday	Tuesday	Wednesday	Thursday	Friday
RTI	RTI	Innovation Lab	Library	Music
ELA Class	ELA Class	ELA Class	ELA Class	ELA Class
Math Class	Math Class	Math Class	Math Class	Math Class
Lunch				
PE	Art	PE	Health	PE
Science Class	Science Class	Science Class	Science Class	Science Class
PBL	PBL	PBL	PBL	PBL

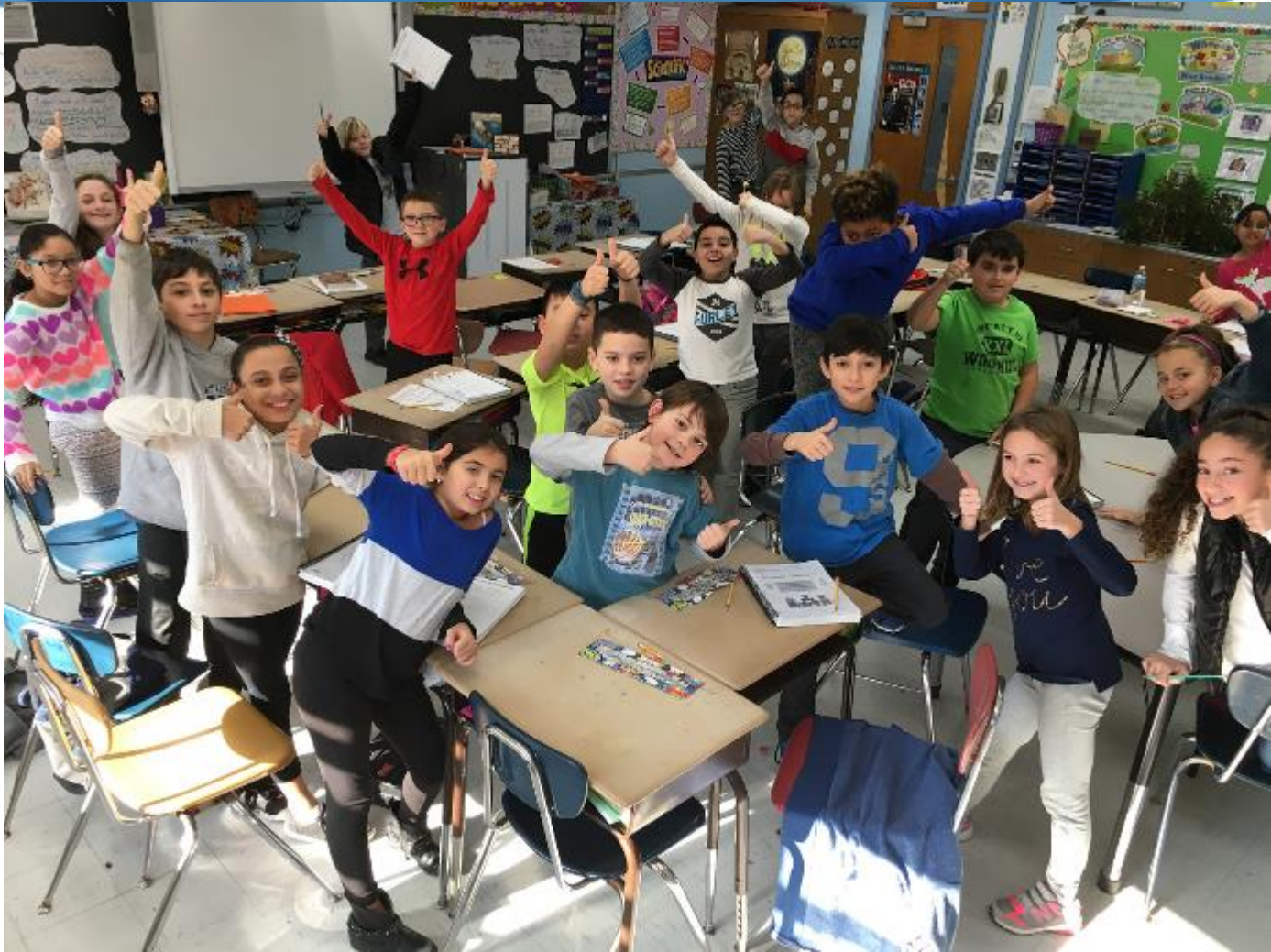
Actividades extraescolares

- ◆ El consejo de estudiantes
- ◆ Club del periódico
- ◆ Club del puente
- ◆ Club del computadora
- ◆ Club de jardineria
- ◆ Club de teatro

Recorrido escolar virtual



¡Esperamos darle la bienvenida!



Preguntas??

