



**PATRICK F. TAYLOR**  
SCIENCE & TECHNOLOGY ACADEMY

**Patrick F. Taylor Science and Technology Academy  
Family Engagement Presentation  
October 20, 2021**

# Agenda

- What is Title I?
- Parent's Rights Under Title I
- Parent Involvement Plan
- School-Parent Compact
- Student Achievement Data
- Title I Funds
- Appendix

# What is Title I?

All Title I schools are required to hold an Annual Title I meeting at the beginning of each school year to....

- Inform parents/guardians about Title I programming, and
- Share how parents/guardians can become involved and participate in the Title I program.

## **Title I is used:**

- To improve education for schoolwide programs in all core subjects
- To provide students a well-rounded education as defined by the school's plan
- To support advanced learning opportunities for struggling students

# Goals of Title I

## **School's Vision:**

### **Middle School Vision**

Our vision is to be a middle school whose students accept responsibility as full participants in the school culture to ensure individual and collective success in our advanced STEAM curriculum in order to prepare all students for our accelerated high school.

### **High School Vision**

Our vision is to be a top 10 nationally ranked high school where students take ownership of the school culture by demonstrating resilience in an accelerated curriculum which will ensure success for all students. Our students will have an influential impact as leaders at their institutions of higher learning and in the global community.

## **School's Mission:**

The mission of Patrick F. Taylor Science & Technology Academy is to provide a rigorous learning environment that assures college-readiness, while fostering leadership and encouraging community involvement for all students.

# Goals of Title I

## School's Goals:

### High School Goals:

#### HS Leap Assessment Goal:

- The percentage of students earning **advanced in Algebra I** will be 45%.
- The percentage of students earning **advanced in Geometry** will be 55%.
- The percentage of students earning **advanced in English I** will be 74%.
- The percentage of students earning **advanced in English II** will be 60%.
- The percentage of students earning **advanced in Biology** will be 67%.
- The percentage of students earning **advanced in U.S. History** will be 79%.

**ACT Goal:** Increase the average ACT composite score from 29.4 to 30.

**Strength of Diploma Goal:** Increase the Strength of Diploma Index from 147.9 to 150.

**Graduation Cohort Goal:** Maintain 100% graduation rate.

### Middle School Goals:

- **ELA LEAP Assessment Goal:**

- The percentage of middle school students earning **advanced in ELA** will be 63%.

- **Math LEAP Assessment Goal:**

- The percentage of middle school students earning **advanced in Math** will be 42%.

- **Social Studies LEAP Assessment Goal:**

- The percentage of middle school students earning **advanced in Social Studies** will be 70%.

- **Science LEAP Assessment Goal:**

- The percentage of middle school students earning **advanced in Science** will be 55%.

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# Parent's Right to Know

Parents have the right to know about the teaching qualifications of your child's classroom teacher in a school receiving Title I funds

## **YOU HAVE THE RIGHT TO KNOW**

### **[Additional information found here](#)**

- Whether the teacher has met State qualification and licensing criteria levels and subject areas in which the teacher provides instruction;
- Whether the teacher is teaching under emergency or other provisional status through which State qualification or licensing criteria have been waived;
- Whether the teacher is teaching in the field of discipline of the certification of the teacher; and
- Whether your child is provided services by paraprofessionals and, if so, their qualifications.

**ESSA Section 1112 (e) (1) (A)**

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# Parent Involvement Plan

- Every Title I school, in collaboration with parents, must develop a school parent involvement plan.
- The plan describes how the school will involve the parents in an organized, ongoing, and timely way in the planning, review and improvement of the Title I program at the school.
- A copy of the PFTSTA plan can be found on the school website [Family Section](#).

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# School - Parent Compact

## WORKING TOGETHER FOR STUDENT SUCCESS

[The whole compact can be found here](#)

### **Teachers will provide:**

- rigorous lessons and activities that are aligned with Louisiana Student Standards and send home materials to help parents support the learning goals
- instruction that addresses the needs of the students
- high expectations and support for all students
- well-managed classrooms to afford all students the opportunity to learn
- an open line of communication with parents

### **Parents will:**

- be an active partner in my child's education in helping him/her become proficient in the Louisiana Student Standards
- ensure that my child attends school daily and is on time, gets adequate rest and eats nourishing meals
- ensure that my child completes all homework assignments and assist him/her when necessary
- read, sign and return all important papers as requested by the school/teachers
- support the school and teacher in maintaining a well-disciplined environment
- maintain communications with the school and my child's teacher
- encourage my child to do his/her best every day
- attend parent-teacher conferences, family nights and meetings and take every opportunity to be involved (such as volunteering)

### **Students will:**

- accept responsibility for my learning and participation in instructional activities that will help me master the Louisiana Student Standards
- attend school daily, arrive on time and be prepared for my classes
- work hard to complete all homework and class assignments on time and produce quality work
- ensure that my parent receives all school correspondence and promptly return all papers required to be signed by my parent
- behave responsibly and follow school and classroom rules
- read every night and share my day with my parent

# Parent Engagement

**Patrick Taylor** is committed to providing parents with meaningful, two-way communication opportunities with both teachers and administration throughout the year. Here is where to go with questions.

- Contact your child's teachers with questions about your child's progress, learning needs, or school events/programs by calling or emailing them at:  
school website: <http://jpschools.org/pftsta>
- Additional questions or concerns that cannot be addressed by your child's teacher or should be directed to Sharmeika Daniels at [sharmeika.daniels@joschools.org](mailto:sharmeika.daniels@joschools.org).

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# Tiger Progress in 2020-2021

- The school was able to increase their SPS score to 138.9 for the 2020-2021 school year.
- Ninety percent of the graduating seniors scored a 27 or higher on the ACT.
- All students who took a CLEP test passed with a score of 50 or higher.
- Our school was able to use our Cluster meetings to work together to improve best practices of teaching.
- The school added additional course offerings in AP and DE.
- The school monitored low seniors and worked with them to increase their scores.
- The school implemented Written Expression and Type II Reasoning in weekly lesson plans.

# Tiger Progress in 2020-2021

- Class of 2021 Awards: Yale Alumni Association of Louisiana Award, Questbridge Scholar, Four Posse Scholars, Eight National Merit Semifinalists, Six National Merit Finalists, Horatio Alger State Scholar, Two Hispanic Heritage Foundation Awards
- Class of 2020 ACT Scores placed them third in the state
- Named #2 school in the state
- Fifteen different awards at Louisiana History Day Regionals
- Three different awards at the Greater New Orleans Science and Engineering Fair
- Four awards at the Health Occupations Students of America competition
- Senior Janee Kovacs two time State Powerlifting champion, 2nd Nationally
- Two student LMEA Honor Band
- Senior Evan Scully State First Place All-Around Men's Gymnastics
- 2021 Emily Noether Award
- 2021 Louisiana Scholastic Champions Chess Champions

# Measuring Student Performance in Middle School: 2021-2022

*This year, students in grades 6-7 will take the following exams:*

- LEAP 2025 Test: **ELA, Math, Science, Social Studies**

*This year, students in grades 8 will take the following exams:*

- LEAP 2025 Test: **English I, ELA 8, Algebra I, Science, Social Studies**

<b>2019 % Mastery + Middle School (All Subjects)</b>	<b>2021 % Mastery + Middle School (All Subjects)</b>	<b>Percent change from 2019 to 2021</b>
<b>93%</b>	<b>93</b>	<b>0</b>



# Measuring Student Performance in High School: 2019-2020

*This year, students in grades 9-12 will take the following exams:*

- LEAP 2025 Test: **English II, Geometry, Biology and U.S. History**
- College Readiness: **ACT<sup>®</sup>, PSAT<sup>®</sup>, Advanced Placement (AP), and College-Level Examination Program (CLEP)**
- (Possibly) Career Readiness: **ACT<sup>®</sup> WorkKeys<sup>®</sup>**

2019 % Mastery + English I, II, Algebra I, Geometry, US History, Biology	2021 % Mastery + English I, II, Algebra I, Geometry, US History, Biology	Percent change from 2019 to 2021
94	93	-1

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# Goal # 1

Timeline for Completion	Goal	Budget
May 2022	<p><b>Action Step 1:</b> ACT workbooks for students in eleventh grade and for seniors who have low ACT scores. ACT Prep class to be offered both semesters.</p> <p><b>Action Step 2:</b> All elective teachers will use the ten minutes of remediation time daily to review ACT test questions and strategies. They will be provided with practice books for this purpose.</p> <p><u>SMART Goal:</u> In the 2020-2021 School Year, the average ACT score was 29.4. In 2021-2022, the average ACT score will be 30. ACT Books: \$659.40, \$269.70, \$2,417.10</p>	<p><b>ACT Prep books for teachers and students:</b> \$3,346.20</p>

# Goal # 2

Timeline for Completion	Goal	Budget
May 2022	<p><b>Action Step 1:</b> Additional DE Courses will be offered. (DE Geology, DE Theater Set Design, DE Drafting and Design, National Equity Lab)</p> <p><b>Action Step 2:</b> Additional AP Lab materials will be provided.</p> <p><b>Action Step 3:</b> Additional AP Study Material will be provided.</p> <p><b>Action Step 4:</b> AP Bootcamp will be offered.</p> <p><u>SMART Goal:</u> in the 2020-2021 school year, 95% of graduating seniors earned 150 points on the Strength of Diploma Index. In the 2021-2022 School year, 100% of graduating seniors will earn 150 points.</p> <p>AP Bootcamp (\$2000) National Equity Lab (\$5000) AP Supplies: Water distiller: \$129.99, Ph Probe \$758, tape for science, Dissolved Oxygen Probe \$298, Class Sets Science Books \$957.60, AP Geography Textbooks \$664.65)</p>	<p><b>Bootcamp:</b> \$2000</p> <p><b>AP Supplies :</b> \$1185.99</p> <p><b>AP Books:</b> \$1622.25</p> <p><b>National Equity Lab:</b> \$5000</p>

# Goal # 3

Timeline for Completion	Goal	Budget
May 2022	<p><b>Action Step 1:</b> Parents will be encouraged to join the Family Engagement Committee and the Schoolwide Planning Team. Meetings will be held with parents to help plan and follow through on the Title I Plan.</p> <p><b>Action Step 2:</b> Counselors will hold a FAFSA night to help families apply for federal money for college.</p> <p><b>Action Step 3:</b> Counselors will hold TOPS and scheduling meetings with parents and students.</p> <p><b>Action Step 4:</b> Parent-School communication will utilize more mail-outs, so that information does not get lost in email or the weekly newsletter.</p> <p>FAFSA Night \$100, TOPS Nights, \$200 Postage \$275, cardstock \$82.76, printer \$551.08, Ink \$704.97 &amp; 171.99</p>	<p><b>Counselors:</b> \$300</p> <p><b>Mail-outs:</b> \$1785.80</p> <p><b>Family Engagement Night</b> \$1,125 INK; \$704.97</p>

# Goal # 4

Timeline for Completion	Goal	Budget
May 2022	<p><b>Action Step 1:</b> Students will have 30 minutes of remediation in Math and ELA. Students will have ten minutes of LEAP Prep in all other subjects.</p> <p><b>Action Step 2:</b> Teachers will create anchor charts to assist with understanding and retention.</p> <p><b>Action Step 3:</b> More online practices will be provided to non-content area teachers for use in their remediation time.</p> <p><b>Action Step 4:</b> All Social Studies classrooms will have map sets.</p> <p><u>SMART Goal:</u> In the 2020-2021 school year, only 81% of our students scored mastery or above on ALL middle school LEAP tests. In 2021-2022, 90% of middle school students will score Mastery or above on ALL middle school LEAP tests.</p> <p>Kuta Software \$1,286, Digital Science Labs \$2,625, Gizmos \$2620; BOOM \$1050, Chart paper \$962.94, \$37.76, Highlighters \$134.85, tape \$100, Chart Paper Markers \$83.90, Dry Erase Markers \$192, Project Markers \$90, Colored Pencils \$60, Post-it Notes \$99.95, Ink \$390.89, Dry Erase Grid Boards \$427.50, Wall Map Set \$647.17, World Map \$21.90, Mississippi River Delta Map \$90, Mapmaker Game \$80), small white boards</p>	<p><b>Online Licenses:</b> \$8255</p> <p><b>Consumable Materials:</b> \$1266.57</p> <p><b>Non-consumable materials:</b> \$2240.40</p>

# Goal # 5

Timeline for Completion	Goal	Budget
May 2022	<p><b>Action Step 1:</b> Administrators and Master Teacher will attend the NIET TAP National Conference.</p> <p><b>Action Step 2:</b> Through cluster meetings, the ILT will assist teachers with best practices.</p> <p><b>Action Step 3:</b> Teachers who struggle will be assigned a mentor from the ILT.</p> <p>Professional Development: NIET TAP National Conference \$8,000</p>	<p><b>NIET TAP Conference:</b> \$8000</p>

# Goal # 6

Timeline for Completion	Goal	Budget
May 2022	<b>Action Step 1:</b> The school will be fully prepared to administer two grade levels of LEAP or CLEP testing at the same time. Students will have access to technology supplies to support classroom instruction. (Calculators \$2,309.75 & \$683.80)	<b>Calculators</b> : \$2993.55



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# Questions to Guide Teacher Conferences

The test results will help you, as a parent, talk to your child's teacher(s) about additional supports or enrichment that may be needed in class and at home this school year.

**Here are some helpful questions to ask when discussing the results with your child's teacher(s):**

**What** can be done to appropriately challenge my child in areas where he or she exceeds the expectations?

**How** can I help support my child's learning at home?

**How** do we ensure that my child makes progress?

**Where** is my child doing well and where does he or she need improvement?

**What** can be done in the classroom to help improve his or her area(s) of weakness?

# Louisiana Student Standards

## Educational Standards:

- set clear and consistent learning expectations for students and teachers;
- define what students should know and be able to do in a particular subject at each grade level; and
- help set high goals for all students.

## Standards help students to:

- **Develop** deep understanding, skill, and fluency in mathematics
- **Think** critically in mathematics through speaking, writing, and solving problems
- **Apply** mathematics to real-world problems and tasks
- **Build** knowledge, discuss, and write about topics, themes, and ideas in complex texts
- **Support** thoughts and opinions about complex text using evidence

[www.louisianabelieves.com/academics/academic-standards](http://www.louisianabelieves.com/academics/academic-standards)

## Why are standards important?

The Louisiana Student Standards assure that all students, regardless of their address, background, or ability, have a clear roadmap to success in college or a career.

Clearly defined goals help families and teachers work together to ensure that students succeed, have access to extra assistance when they need it, and are challenged appropriately.

# Our Curriculum

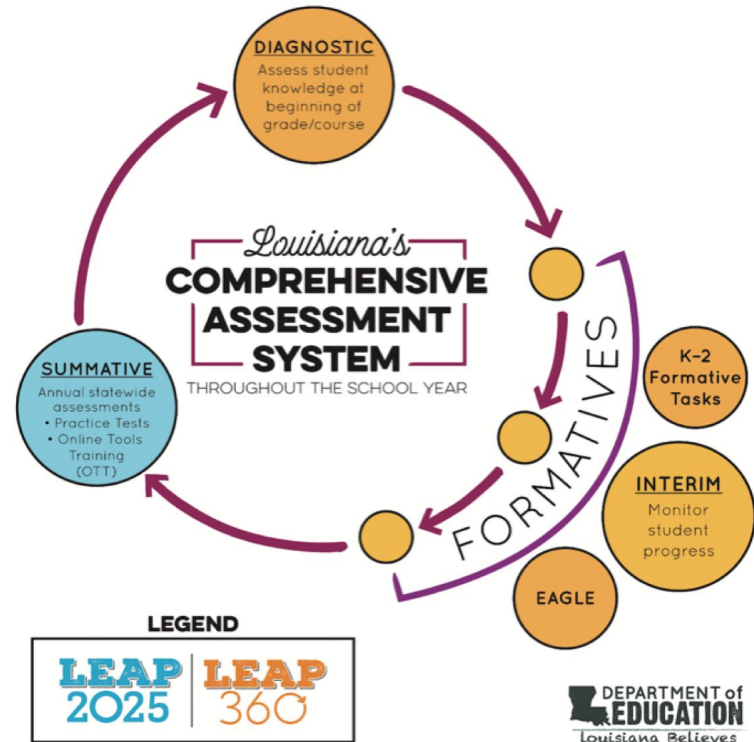
Content	Curriculum	Why do we use it?
Mathematics	Eureka	<ul style="list-style-type: none"><li>● Builds number sense</li><li>● Helps students learn to apply mathematics to real-world situations</li><li>● Builds efficiency with mathematics problems</li></ul>
English Language Arts	Guidebooks & Collections	<ul style="list-style-type: none"><li>● Provides engaging texts</li><li>● Integrates reading and writing so students write about what they read</li><li>● Provides ample opportunity for student conversations</li></ul>
Science	StemScopes	<ul style="list-style-type: none"><li>● provides ample opportunities for students to investigate scientific questions</li><li>● helps students use science to explain real-world happenings</li><li>● integrates reading a variety of sources</li></ul>
Social Studies	DBQ Project (Supplementary Resource)	<ul style="list-style-type: none"><li>● Provides primary sources</li><li>● Engages students in writing about history</li></ul>

# Monitoring Student Progress

**LEAP 360** provides our teachers with meaningful information about how well students are progressing towards their learning goals throughout the year.

This system also allows teachers to reduce the amount of tests provided to students throughout the year.

- **Diagnostic Assessments**, given at the beginning of the year, help teachers and students better understand students' readiness for grade-level content and set learning goals for the year.
- **Interim Assessments** provide valuable checkpoints to monitor student progress throughout the year.



You can access a copy of the **Parent Guide to LEAP 360** on the Department's website in the **Family Support Toolbox**.

# Financial Aid Planning

Starting with the Class of 2018, each graduating senior is required, as part of his or her individual graduation plan, to either:

1. complete the [Taylor Opportunity Program for Students \(TOPS\)](#) application or the [Free Application for Federal Student Aid \(FAFSA\)](#);
2. declare a hardship; or
3. submit a [waiver to the local school system](#).

The FAFSA opens on **October 1**. Students and/or parents should fill out the application as early as possible to be eligible for all opportunities and meet graduation requirements.

Visit the [www.louisianabelieves.com/courses/financialaid](http://www.louisianabelieves.com/courses/financialaid) for more information or email [ldefinancialaid@la.gov](mailto:ldefinancialaid@la.gov) with questions or for assistance with FAFSA completion.

# Supporting Student Learning

## Why should families support student learning at home?

- Learning should not end in the classroom.
- You play an important role in setting high expectations for learning.
- You can help your child become successful both in and outside the classroom.

## Support starts with meaningful conversations:

- Find out what your child knows.
- Discover what your child should be able to do.
- Talk to your child regularly about schoolwork.
- Meet and speak with your child's teacher(s) regularly.

# Tools and Resources to Support Parents: General

**Below are additional resources that you can access to further support your child's learning at home.**

**Louisiana's Family Support Toolbox Library:** information on standards, test results, and all parent guides [www.louisianabelieves.com/resources/family-support-toolbox](http://www.louisianabelieves.com/resources/family-support-toolbox)

**Great Kids Milestones:** free online collection of videos showing what success looks like in reading, writing, and mathematics in grades K–12 [www.greatschools.org/gk/milestones/](http://www.greatschools.org/gk/milestones/)

**Eureka Mathematics Support Page:** free online site to support students in schools that have adopted the Eureka mathematics curriculum [www.greatminds.org/math/parents](http://www.greatminds.org/math/parents)

**LearnZillion:** free online site to support students in schools that have adopted the ELA Guidebooks curriculum

[www.learnzillion.com/resources/81666-english-language-arts-guidebook-units](http://www.learnzillion.com/resources/81666-english-language-arts-guidebook-units)