



To: Curriculum & Instruction Committee:

Annette Ballard, Chair
Dean Roberts
Fred Hardy
Alvin Smith
Russell Castille

Aaron Natali, Vice Chair
Eric Tarver
Damon Hardesty
Chad Guidry

From: Tommy Campbell, CAO
Secretary, C&I Committee

Date: January 11th, 2018

RE: C&I Committee Meeting

A meeting of the Calcasieu Parish School Board Curriculum and Instruction Committee is scheduled for **January 23rd, 2018 at 5:00 p.m.** in the CPSB Board Room at 3310 Broad Street, Lake Charles, Louisiana.

AGENDA

1. Recommendation to create a K-5 STEM Magnet School at E.K. Key Elementary
2. Recommendation for approval of a tuition funded option for all ineligible Pre-K applicants for the 2018-19 school year and for permission to hire a fiscal officer for collection and recordkeeping of tuition payments.
3. Approval of the 2018-19 District School Calendar

Future Items:

TC/mr

Building Foundations for the Future

Tommy Campbell Chief Academic Officer

Administrative Offices 3310 Broad Street Lake Charles, LA 70615 Phone 337.217.4005 Fax 337.217.4012

E. K. Key Elementary CITGO Innovation Academy





Mission Statement in Progress: Building Foundations and Promoting Pathways to STEM Careers.

The Problem

PROJECTED PERCENTAGE INCREASES IN STEM JOBS: 2010-2020

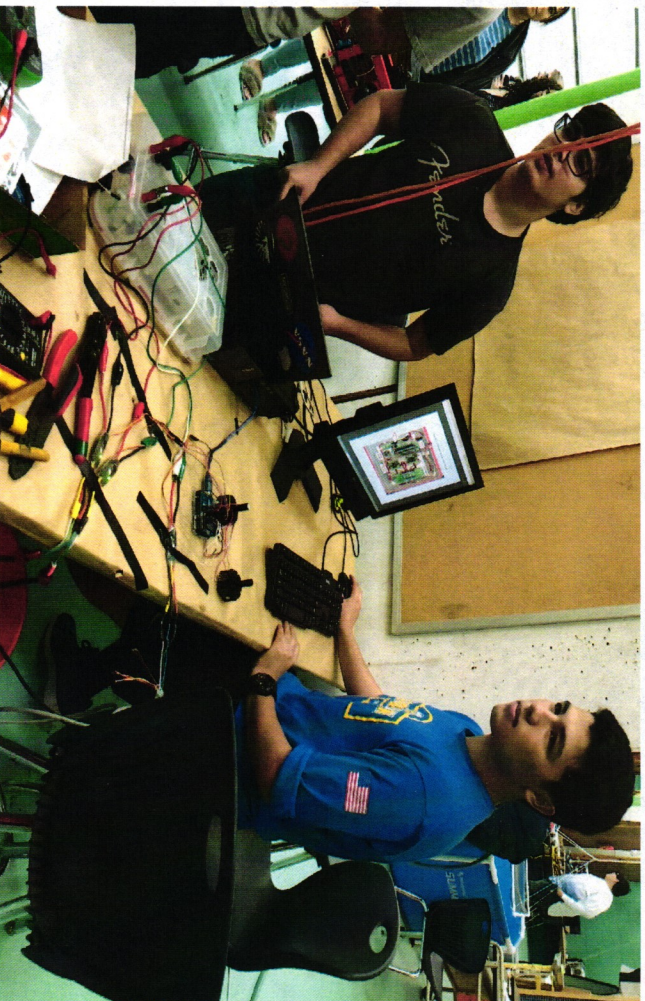


The Need

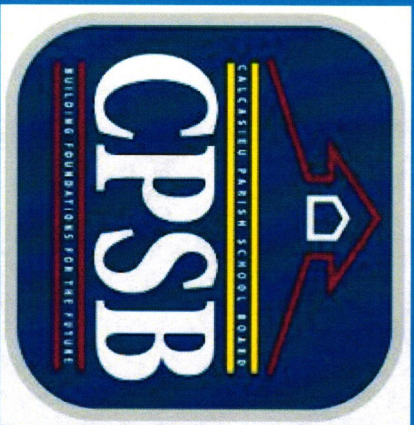
“All young people should be prepared to think deeply and to think well so that they have the chance to become the innovators, educators, researchers, and leaders who can solve the most pressing challenges facing our nation and our world, both today and tomorrow. But, right now, not enough of our youth have access to quality STEM learning opportunities and too few students see these disciplines as springboards for their careers.”
(U. S. Department of Education. (n.d.).)

U. S. Department of Education. (n.d.). Science, Technology, Engineering, and Math: Education for Global Leadership. Retrieved from <https://www.ed.gov/stem>

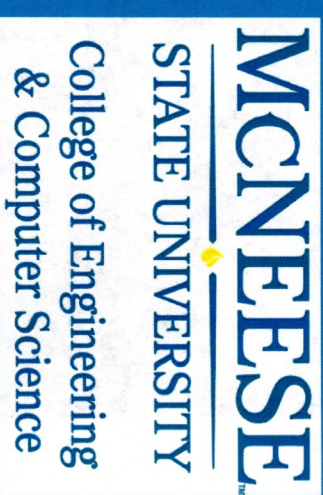
The solution



Develop a school atmosphere centered around engaging students in project based learning that focuses on problem solving with “real world” application. Creating an awareness at an early age to STEM skills needed for success in those careers.



The Team



Calcasieu Parish School Board

McNeese State University



CITGO

MCNEESE.
STATE UNIVERSITY
Burton College of Education

Moody High School in Corpus Christi, TX

CITGO Innovation Academy



Moody High School in Corpus Christi, TX

CITGO Innovation Academy



Moody High School in Corpus Christi, TX

CITGO Innovation Academy

The mission of the CITGO Innovation Academy for Engineering, Environmental & Marine Science is to prepare high school students for college programs and careers in science, technology, engineering and mathematics (STEM)

- Students go through an application process to attend the CITGO Innovation (STEM) Academy at Moody High School. It is a Magnet Program. There are academic, behavior, and attendance requirements.

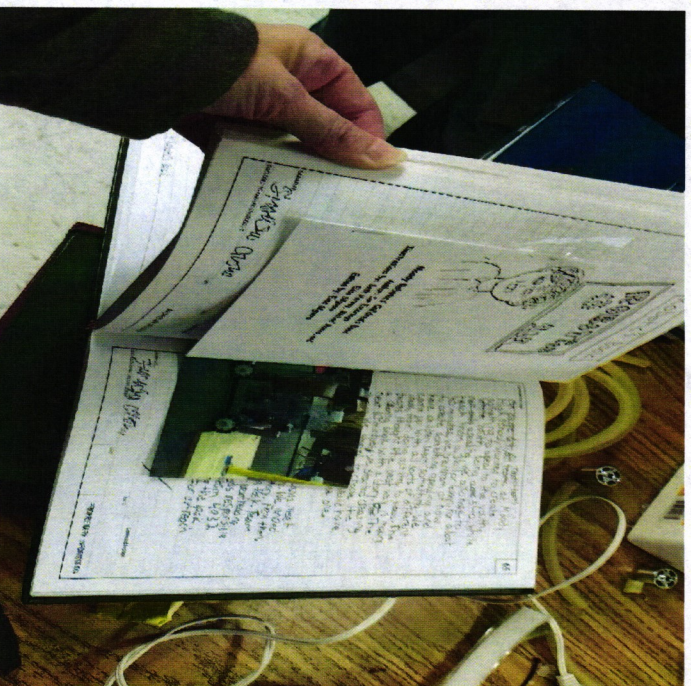
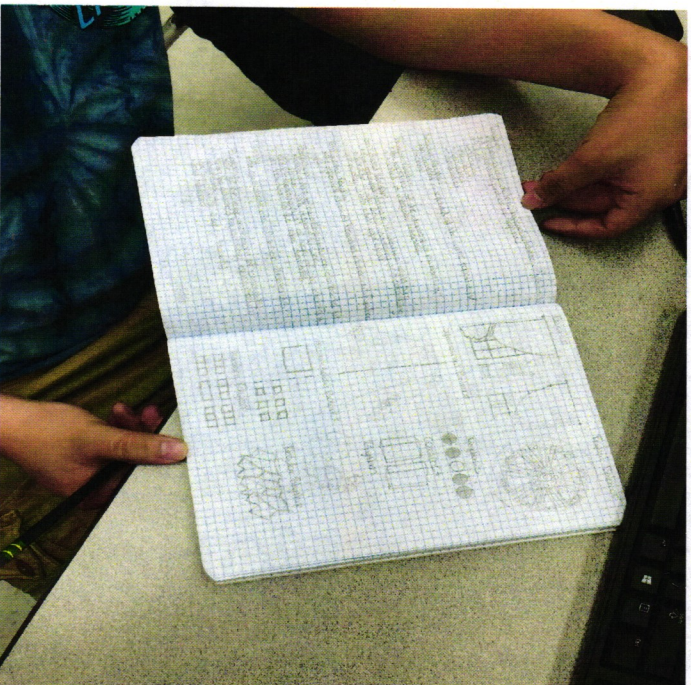
Community Awareness

- ❖ CITGO
- ❖ STEM Student of The Month
- ❖ STEM Conferences
- ❖ Social Media Presence
 - #STEMsational Moody
 - #STEMification Outreach

Student Engagement



Engineering Notebooks

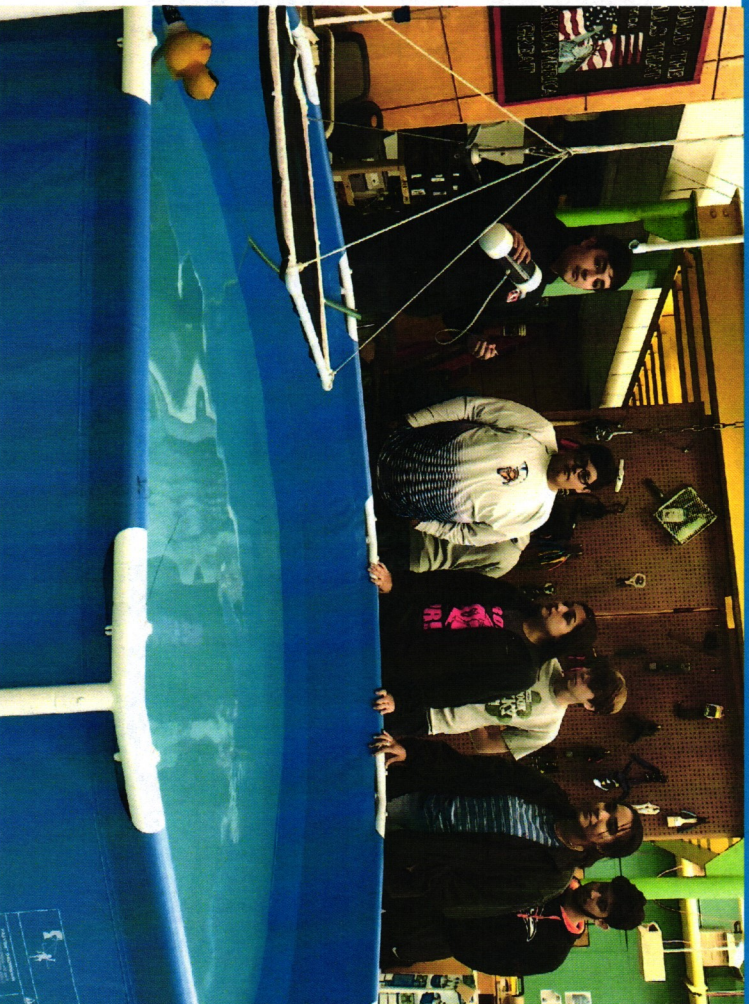


According to recent studies on ELL students using science notebooks help to improve science and language proficiency.

alHuerta, M., Irby, B. J., Lara-Alecio, R., & Tong, F. (2015). Relationship between language and concept science notebook scores of English language learners and/or economically disadvantaged students.

<http://education.unlv.edu/news/2016/spring/huerta-science-notebook/>

Class Collaboration



Class Collaboration



Student Competition



Makerspace



Class Supply Storage



Student Conferences

- ❖ [GEMS Conference](#)
- ❖ Men4Stem Conference
- ❖ Engineering Olympics

Moody High CIA's Uncommon Opportunities

- ❖ Aquarium Aquatic PBL
- ❖ RICE Engineering Kitchen Trips
- ❖ Kayaking Certification
- ❖ UT Science Institute Overnight Trip
- ❖ Aerospace Scholars Program
- ❖ Land Robotics Competition
- ❖ Underwater Robotics Competition
- ❖ National Oceanic Bowling Competition
- ❖ GO Green Environment Program Competition
- ❖ Caring For Our Coast Competition

E. K. Key “CIA”

- The new pod will hold one section of classes K-5 with an Innovation Lab and collaborative meeting room
- There will be a student application process with academic, behavior, and attendance requirements for students to attend the CIA.
- Enrollment opportunities will be open to students in the feeder districts of Sulphur, Vinton, Starks, Dequincy, and Westlake High Schools.
- An interview panel will conduct interviews for teacher positions in the spring.

E.K. KEY, MSU, CPSB, and PROGRESS GRANT

DREAM TEAM

-BLUEPRINT

-Advanced Certification

LAStem - Regional representative

TIMELINE, Mission, Vision, Goals, Action Plan

Professional Development

Early Childhood

2018-19



Pre-Kindergarten Enrollment

GOAL: All grant funding utilized; 107 classes

Cost covered by grants (1,172 eligible students based on ongoing registration)

Funding Source	Cost per child	# of Students Served	# of Classes	Cost
LA4	\$4,580	1,056 students	53 classes	\$4.8 million
Title I	\$6,357			\$890,000
PK Expansion	\$ 5,180	59 students	3 classes	\$310,800
8(g)	\$5,700	57 students	3 classes	\$342,011
Eligible Students Only				

Cost to District (330 ineligible students based on March registration)

Funding Source	Cost per child	# of Students Served	# of Classes	Cost
District	\$4,500	173 students	9 classes	\$810,000
District	\$-0-	157 students	39 RM classes (6 students per class)	\$-0-
District Total Cost				\$810,000

Students were ranked and selected based on income provided



2017-2018

2017-2018 Waiting List by Site

District		Ineligible Students	
Calcasieu Parish		795 students	
0-10 Ineligible Applicants	11-25 Ineligible Applicants	26 or more Ineligible Applicants	
Barbe	Cypress Cove	Bell City *	
Brentwood	Dolby	DeQuincy Primary*	
J.D. Clifton	Frasch	Gillis*	
College Oaks	Kaufman	Henning*	
Fairview	LeBleu Settlement	Maplewood*	
Henry Heights	Vincent Settlement	Moss Bluff*	
John J. Johnson II	R.W. Vincent	Nelson*	
J.F. Kennedy	Vinton	Prien Lake	
E.K. Key	J.I. Watson	St. John*	
Oak Park		Westwood*	
Starks			
T.H. Watkins			
Pearl Watson			



2017-2018

GOAL: All grant funding utilized; 107 classes

Pros	Cons
All grant funding utilized	Limited ineligible students served
All eligible students served	
Funding available to purchase supplies	
Certified teachers in all grant funded classrooms	

Number of classes at each site was determined based on need



2017-2018

CPSB Early Childhood Department

Pre-Kindergarten Four-Year Old Programs

Programs	2016-2017		2017-2018		2018-2019	
LA4	65 classes	969 students	53 classes	1,056 students	49 classes	1,056 students
Title I	9 classes	180 students				*Income-eligible students would be placed in RM
8(g)	4 classes	80 students	3 classes	57 students	3 classes	57 students
Reverse Mainstream	39 classes	210 students	39 classes	157 students (Ineligible students)	39 classes	157 students *Income-eligible students
PK Expansion	0 classes	0 students	3 classes	59 students	3 classes	59 students
District Funded	No data	No data	9 classes	173 students	N/A	
Tuition Funded	N/A		N/A		9 classes	180 students Minimum of 16 students per class
TOTAL	113 classes	1,715 students	107 classes	1,502 students	103 classes	1,550 students

Schools with low income-eligible students:

- College Oaks
- LeBlau Settlement
- Moss Bluff
- Vinton



Pre-Kindergarten 2016-2018

Programs	2017-2018	2018-2019
District Funded	9 classes	N/A
Tuition Funded	N/A	9 classes

- Online Application – calcasieu4all.com
- All communication/notification will be electronic
- Priority will given to students who live in the school's attendance zone
- If there are more than 20 applicants, a lottery system will be used to select the participants
- A minimum of 16 students must be enrolled in order for a class to open
- Additional tuition funded classes will be considered based on interest



2018-2019 Tuition Funded Classes

[Programs](#) [Contact Us](#)

calcasieu4all.com

Tuition Option

Calcasieu
Early Childhood
COORDINATED ENROLLMENT

[Programs](#) [Contact Us](#)

Application Progress

- ✓ 1. Student Information
- ✓ 2. Guardian Information
- ✓ 3. Income Verification
- 4. Tuition Step
- ✓ 5. School Program Choice
- ✓ 6. Siblings
- ✓ 7. Signatures
- ✓ 8. Review & Send
- 9. Complete

Tuition Step

4.1 Are you willing to pay tuition for your school of choice? Yes ▼

Continue »

« Back Save and Exit


[Requirements & Policies](#)

For more information regarding any of the programs listed, please call 337-217-4210 EXT. 2804/2806



calcasieu4all.com

School Choice



COORDINATED ENROLLMENT

[Programs](#) [Contact Us](#)

Application Progress

1. Student Information

2. Guardian Information

3. Income Verification

4. Tuition Step

5. School Program Choice

6. Siblings

7. Signatures

8. Review & Send

9. Complete

Requirements & Policies

School Program Choice

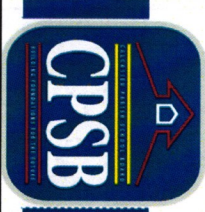
5.1 Please select your #1 choice:
A. A. Nelson Elementary School

5.2 Please select your #2 choice:
Baker Elementary School

Continue *


Back Save and Exit

For more information regarding any of the programs listed, please call 337.217.4210 EXT. 2804/2806



calcasieu4all.com

Signature Page



COORDINATED ENROLLMENT

Programs Contact Us

Application Progress

✓ 1 Student Information

✓ 2 Guardian Information

✓ 3 Income Verification

✓ 4 Tuition Step

✓ 5 School Program Choice

✓ 6 Siblings

7 Signatures

8 Review & Send

9 Complete

Signatures

I, the undersigned, hereby certify that, to the best of my knowledge and belief, the answers to the foregoing questions and statements made by me in this application are complete and accurate. I understand that any false information, omissions, or misrepresentations of facts may result in rejection of this application or future dismissal of the applicant. By initialing below, I consent to the following information being shared with the Calcasieu Parish Early Childhood Department. PLEASE NOTE: The submission of the application does not guarantee that my child will be eligible or accepted for these programs.

71 *Digital Signature:

Date: 01/10/2018

Continue *

Back Save and Exit

Requirements & Policies

For more information regarding any of the programs listed, please call 337-217-4210 EXT. 2804/2806



Avg. Cost for Local Childcares

Centers	Cost
All About Kids	\$590.00 + \$100 registration
First Methodist	\$620.00 + \$250 registration
Henning Methodist	\$550.00 + \$100 registration
Kidz Kuntry	\$520.00 + \$100 registration
OLQH	\$640.00 + \$250 registration
Wee Wisdom	\$550.00 + \$70 registration

Average Cost

\$605 per month

* As per the LDOE, "It will go a long way with childcare centers if the public school tuition is significantly above theirs."



Avg. Childcare Cost

Cost Analysis for Tuition-Funded Class

Itemized Cost	Cost per year
Avg. Teacher Salary with fringe benefits	\$66,000
Avg. Paraprofessional Salary with fringe benefits	\$31,400
TS GOLD	\$1,000
Supplies	\$1,500
Professional Development	\$500
Total	\$100,400
Itemized Cost	Cost per year
1 Fiscal Officer with fringe benefits	\$79,800
Supplies	\$7,000
Professional Development	\$4,000
Total	\$90,800



2018-2019 Proposed Tuition Cost

Itemized Cost	Cost
Tuition Funded class Cost	\$ 111,000
\$111,000/20 students	\$5,550
\$5,550/9 months	\$619
Recommended Tuition Cost September 2018 – May 2019	\$650 per month



2018-2019 Proposed Tuition Cost

LDOE Coordinated Enrollment Expectations

Should ensure that every family who submits an application through the coordinated enrollment system will be considered equitably.

What does it mean?

- A coordinated enrollment system focused on equity:
 - Levels the playing field by improving access to quality early learning
 - **CANNOT** rely upon a “first-come, first-served” method
 - Ongoing process with a main enrollment timeframe (even if registration is on-going)
- Clear process for responding to questions, complaints and appeals regarding enrollment system

What are the expectations for your community network?

Full Model Expectations

- ✓ Coordinate enrollment periods for providers that do not rely on “first-come, first-served” method
- ✓ Match children to seats based on family preferences
- ✓ Establish coordinated registration practices to inform families about their placement and answer any questions

Louisiana Believes

18



Coordinated Enrollment Expectations

2018-19 Proposed School Calendar

182 Teacher Work Days

172 Instructional Days

3 Emergency Days.



Calcasieu Parish School Board

BUILDING FOUNDATIONS FOR THE FUTURE

Karl Bruchhaus, Superintendent

Reporting Days

Students' First Day8/14

Students' Last Day5/23

Holidays/In-services

Students Do Not Report

on the Following Days

School System Offices Closed.....7/4

System-wide In-service8/6-8/7

School Level In-service 8/8,8/9,8/10

Paraprofessionals report to work 8/8

Teacher Planning/Prep Day8/13

Student's first day of school.....8/14

Labor Day9/3

Teacher In-service 10/15

Election Day.....11/6

Veterans Day 11/12

Thanksgiving11/19-11/23

Christmas..... 12/21-1/4

Teacher In-service1/7

MLK Day1/21

Mardi Gras3/4-3/6

Teacher In-service3/18

Easter Break..... 4/19-4/26

Last day for students 1/2 day ..5/23

Teacher In-service5/24

Nine Weeks Periods

1st 10/16

2nd 12/20

3rd 3/15

4th 5/23

Calendar Code

- Students' First Day/Last Day
- School Holiday
- System-wide Inservice
- Teacher Inservice home school
- Teacher Planning/Prep Day
- Nine Weeks Period Ends
- Time Change

2018-19 District Calendar

July 2018							August 2018							September 2018						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7				1	2	3	4							1
8	9	10	11	12	13	14	5	6	7	8	9	10	11	2	3	4	5	6	7	8
15	16	17	18	19	20	21	12	13	14	15	16	17	18	9	10	11	12	13	14	15
22	23	24	25	26	27	28	19	20	21	22	23	24	25	16	17	18	19	20	21	22
29	30	31					26	27	28	29	30	31		23	24	25	26	27	28	29
														30						
October 2018							November 2018							December 2018						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6					1	2	3							1
7	8	9	10	11	12	13	4	5	6	7	8	9	10	2	3	4	5	6	7	8
14	15	16	17	18	19	20	11	12	13	14	15	16	17	9	10	11	12	13	14	15
21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
28	29	30	31				25	26	27	28	29	30		23	24	25	26	27	28	29
														30	31					
January 2019							February 2019							March 2019						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
		1	2	3	4	5						1	2						1	2
6	7	8	9	10	11	12	3	4	5	6	7	8	9	3	4	5	6	7	8	9
13	14	15	16	17	18	19	10	11	12	13	14	15	16	10	11	12	13	14	15	16
20	21	22	23	24	25	26	17	18	19	20	21	22	23	17	18	19	20	21	22	23
27	28	29	30	31			24	25	26	27	28			24	25	26	27	28	29	30
														31						
April 2019							May 2019							June 2019						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
	1	2	3	4	5	6				1	2	3	4							1
7	8	9	10	11	12	13	5	6	7	8	9	10	11	2	3	4	5	6	7	8
14	15	16	17	18	19	20	12	13	14	15	16	17	18	9	10	11	12	13	14	15
21	22	23	24	25	26	27	19	20	21	22	23	24	25	16	17	18	19	20	21	22
28	29	30					26	27	28	29	30	31		23	24	25	26	27	28	29
														30						

** The calendar will be revised to include state testing dates once the schedule is determined by the Department of Education.

CBT—Computer Based Test PBT—Paper Based Test