



IDEA COLLEGE PREPARATORY SAN BENITO

T-STEM Renewal Application

2021-2022

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Background

District Affiliation

IDEA PUBLIC SCHOOLS

CD #: 108807

Region: 01

Mailing Address (Line 1): 2115 W PIKE BLVD

Mailing Address (Line 2):

City, State, Zip: WESLACO, TX 78596

School Affiliation

IDEA COLLEGE PREPARATORY SAN BENITO

CDC #: 108-807-005

Region:

Mailing Address (Line 1): 2151 RUSSELL LN

Mailing Address (Line 2):

City, State, Zip: SAN BENITO, TX 78586

Academy Information

What is the academy name?

IDEA College Prep San Benito T-STEM

Which model does the district intend to implement at this time? Within these models, there are variations.

Stand Alone Academy - All students on the campus are enrolled in the academy.

Grade Levels Served

What grade level(s) will your academy plan to serve in the 2021-2022 school year?

- 6
- 7
- 8
- 9
- 10
- 11
- 12

Enter the number of students that you plan to serve in 6th grade.

118

Enter the number of students that you plan to serve in 7th grade.

126

Enter the number of students that you plan to serve in 8th grade.

121

Enter the number of students that you plan to serve in 9th grade.

112

Enter the number of students that you plan to serve in 10th grade.

97

Enter the number of students that you plan to serve in 11th grade.

84

Enter the number of students that you plan to serve in 12th grade.

100

Contacts

Applicant

Applicant 1

Job Title

T-STEM Coordinator and Teacher

Name Prefix

Mr.

First Name

Christopher

Last Name

Brotzman-Gonzales

Email

christop.brotzman@ideapublicschools.org

Phone

9563995252

Principal

Principal 1

Name Prefix

Mrs.

First Name

Carrie

Last Name

Sauceda

Email

carrie.sauceda@ideapublicschools.org

Phone

9563995252

Superintendent

Superintendent 1

Name Prefix

Mrs.

First Name

Jo Ann

Last Name

Gama

Email

JoAnn.Gama@ideapublicschools.org

Phone

9564639407

Narratives

Current Designations at IDEA PUBLIC SCHOOLS:

- IDEA COLLEGE PREPARATORY MISSION - T-STEM - 0809
- IDEA COLLEGE PREPARATORY SAN BENITO - T-STEM - 0809
- IDEA COLLEGE PREPARATORY SAN JUAN - T-STEM - 0910
- IDEA COLLEGE PREPARATORY ALAMO - T-STEM - 1011
- IDEA EDINBURG COLLEGE PREPARATORY - T-STEM - 1718
- IDEA RIVERVIEW COLLEGE PREPARATORY - T-STEM - 1819

Previous Planning Year Applications at IDEA PUBLIC SCHOOLS:

Narratives

The majority of the following questions will be narrative response. Narrative responses are limited to a maximum of 250 words. We recommend writing your responses in a text-editing software such as Microsoft Word and then pasting your responses into the website when they are complete. Progress to the next section when you are ready.

Narratives: Degrees and Credentials, Recruitment and Enrollment

Degrees and Credentials

Select the Career Cluster(s) that your academy plans to offer in 2021-2022.

STEM

Select the Career Cluster(s) that your academy plans to offer in 2021-2022.

Biomedical Science
Programming and Software Development

Which of the following credential(s) does the academy plan to offer students in 2021-2022 school year?

IC

What industry certifications does the academy plan to offer?

Item

Clinical Medical Assistant

Microsoft Technology Associate (MTA) Security Fundamentals

Does the IHE partner currently have an articulation agreement with a four-year IHE detailing how a student's associate degree and accrued credits could lead to a baccalaureate degree?

No

Recruitment and Enrollment

Describe any changes in established plans for recruitment and enrollment process that meet open enrollment requirements.

There are no changes in the established plans for recruitment and enrollment process that meet the open enrollment requirements. All students are welcome to our charter and the selection process is still our lottery system.

Narratives: Strategic Partnerships: IHE, Strategic Partnerships: Business Partner

Strategic Partnerships: IHE

IHE Partner 1

Affiliation

University of Texas Rio Grande Valley

Name Prefix

Dr.

First Name

Patricia

Last Name

McHatton

Email

president@utrgv.edu

Phone

(956) 882-8201

Job Title

Executive Vice President for Academic Affairs, Student Success, and P-16 Integration

IHE Partner 2

Affiliation

University of Texas Austin

Name Prefix

Mrs.

First Name

Yvonne

Last Name

Loya

Email

yloya@austin.utexas.edu

Phone

(512) 232-4882

Job Title

Senior Outreach Program Coordinator

The T-STEM academy shall have strategic partnerships with business and industry partners and Institutions of Higher Education (IHEs) that are formally articulated in writing and clearly define a variety of STEM careers.

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirement: Curriculum alignment and courses of study, which enables a student to combine high school courses and college-level courses to earn either an associate degree, postsecondary certificate provided by an IHE, or industry certification.

Refer to the IHE MOU terms and conditions 1-8

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Policies for: 1) advising students on the transferability of all college credit offered and earned, 2) ensuring the IHE transcripts college credit earned through dual credit in the same semester that credit is earned, 3) advising students as to the transferability and applicability to baccalaureate degree plans for all college credit offered and earned (college credits earned during high school should allow students to progress from an associate degree to a bachelor's degree and beyond in their chosen field), 4) students accessing the IHE facilities, services and resources

Refer to the IHE MOU terms and conditions 1, 2, 3, and 5

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Transportation costs and fees including provisions for discontinuing operation while ensuring students previously enrolled will have opportunity to complete their course of study.

Refer to the IHE MOU terms and conditions 1-8

Describe how the IHE articulation agreement addresses the following IHE Blueprint Requirements: Data sharing agreement that includes provisions for teacher data such as qualifications and student level data such as credit hours taken and earned, GPA, formative data to assess if student is on track for college readiness

Refer to the IHE MOU terms and conditions 1, 2, 3, and 5

Strategic Partnerships: Business Partner

Business/Industry Partner 1

Affiliation/Company

Valley ENT

Job Title

Physician

Name Prefix

Dr

First Name

Charles

Last Name

Theivagt

Email

ctheivagt@gmail.com

Phone

(956) 428-4221

Business/Industry Partner 2

Affiliation/Company

Jack's Automotive

Job Title

Owner

Name Prefix

Mr.

First Name

Jack

Last Name

Howell

Email

jacksautomotive956@gmail.com

Phone

(956) 412-0404

Business/Industry Partner 3

Affiliation/Company

Wellmed Medical Management

Job Title

RN

Name Prefix

Mrs.

First Name

Wendy

Last Name

Howell

Email

NA

Phone

(956) 364-0325

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Clear roles and responsibilities for work site supervisors, mentors, teachers, support personnel, and other partners.

The IDEA San Benito College Prep Work-Based Learning (WBL) Program offers the opportunity for IDEA COLLEGE PREPARATORY SAN BENITO // T-STEM // Renewal // christop.brotzman@ideapublicschools.org students to gain hands-on "21st Century" workplace skills and to test their academic knowledge in the real world. The WBL Program has been designed to promote students' success in both postsecondary education and careers. This Program centers on varying levels of engagement from community businesses and industry to provide authentic learning experiences for students. This includes guest speakers, practicum, volunteer service, informational interviews, job shadowing, technical mentoring in the classroom, and career information mentoring.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Support for students' activities, such a clubs, Career and Technical Student Organizations, competitions, and special invitations.

The IDEA San Benito College Prep Work-Based Learning (WBL) Program offers the opportunity for students to gain hands-on "21st Century" workplace skills and to test their academic knowledge in the real world. The WBL Program has been designed to promote students' success in both postsecondary education and careers. This Program centers on varying levels of engagement from community businesses and industry to provide authentic learning experiences for students. This includes guest speakers, practicum, volunteer service, informational interviews, job shadowing, technical mentoring in the classroom, and career information mentoring.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Student access to business and industry partners and work-based learning facilities, services, and resources.

The IDEA San Benito College Prep Work-Based Learning (WBL) Program offers the opportunity for students to gain hands-on "21st Century" workplace skills and to test their academic knowledge in the real world. The WBL Program has been designed to promote students' success in both postsecondary education and careers. This Program centers on varying levels of engagement from community businesses and industry to provide authentic learning experiences for students. This includes guest speakers, practicum, volunteer service, informational interviews, job shadowing, technical mentoring in the classroom, and career information mentoring.

Describe how the Business/Industry articulation agreement addresses the following Business/Industry Blueprint Requirements: Transportation fees and costs.

The IDEA San Benito College Prep Work-Based Learning (WBL) Program offers the opportunity for students to gain hands-on "21st Century" workplace skills and to test their academic knowledge in the real world. The WBL Program has been designed to promote students' success in both postsecondary education and careers. This Program centers on varying levels of engagement from community businesses and industry to provide authentic learning experiences for students. This includes guest speakers, practicum, volunteer service, informational interviews, job shadowing, technical mentoring in the classroom, and career information mentoring.

Narratives: Regional Workforce Alignment, Work-Based Learning

Regional Workforce Alignment

List the regional high-demand occupations your academy intends to address through selected program(s) of study and work-based learning.

Regional High-Demand Occupation

Registered Nurses

Software Developers

Medical Assistants

Licensed Vocational Nurses

Work-Based Learning

Complete the activity tables below illustrating the work-based learning activities that your academy plans to offer students at each grade level. Please ensure the activities are STEM focused.

Add up to three activities offered to 6th grade students.

6th Grade Activities

Informational Interviews with industry professional

Career Exploration Lessons

Field Lessons

Add up to three activities offered to 7th grade students.

7th Grade Activities

Informational Interviews with industry professional

Career Exploration Lessons

Field Lessons

Add up to three activities offered to 8th grade students.

8th Grade Activities

Informational Interviews with industry professional

Career Exploration Lessons

Field Lessons

Add up to three activities offered to 9th grade students.

9th Grade Activities

Informational Interviews with industry professional

Career Exploration Lessons

Field Lessons

Add up to three activities offered to 10th grade students.

10th Grade Activities

Informational Interviews with industry professional

Career Exploration Lessons

Field Lessons

Add up to three activities offered to 11th grade students.

11th Grade Activities

Informational Interviews with industry professional

Career Exploration Lessons

Field Lessons

Add up to three activities offered to 12th grade students.

12th Grade Activities

Informational Interviews with industry professional

Career Exploration Lessons

Field Lessons

Narratives: Advanced Academics

Advanced Academics

Select the type of advanced courses (dual credit/AP/IB) your campus plans to offer students in 2021-2022.

DC

AP

What type of dual credit courses does your campus plan to offer?

AGCM

Describe any challenges in ensuring your academy has educators with qualification to teach dual credit. What steps did your academy take to address the need?

Ensuring all students succeed in highly rigorous AP classes is the main challenge for our academy. IDEA Public Schools hires highly qualified individuals following TEA requirements. Teachers also attend AP training and Professional Development with other AP teachers with Course Collaboration. This is to make sure teachers are given the necessary knowledge and skills to help their students succeed in AP courses.

Is the academy a TSIA testing site?

Yes

Narratives: STEM-Focused Extracurriculars, Curriculum and Support

Curriculum and Support

Provide examples of how the campus plans to provide students with academic services. List activities and brief descriptions of the activities. Add a new row for each provided service.

Activity	Description
STEM focused graduation plans	All students receive teacher and counselor support
Advisory Period	Students are given time during the day to focus on remediation and intervention
Bridge Program	Summer Bridge program to help future 6th graders find success in STEM
Saturday School	At least one Saturday per month for targeting students failing 2 or more courses

Provide examples of how the campus plans to provide students with wrap-around services. List activities and brief descriptions of the activities. Add a new row for each wrap-around service.

Activity	Description
Parent Outreach	Family night meetings at school to discuss a variety of issues
Data Night	Parents and students attend data night to collect report cards and talk to teachers on how to help improve student success
Parent Involvement Group	Parents are able to join the school involvement group to help teachers and staff as volunteers for tasks such as copies and chaperoning students

How does your academy use the access, achievement, and attainment data for program improvement?

The access, data informs us what kinds of activities need to be implemented in the recruitment plans to ensure we are targeting the right populations of students. The attainment data is used to align our courses offered to the requirements of the T-STEM Blueprint such as offering AP courses and TEA Approved CTE Programs of Study. The achievement data is used to help the campus develop testing calendars and intervention strategies for the academic year to better improve student success. Student data is also reviewed to create data driven decisions for what intervention programs will help our students. This includes data on Algebra 1 benchmarks and TSI data to schedule interventions and schedule future TSI assessments.

STEM-Focused Extracurriculars

Describe the STEM-focused extracurricular activities (field experiences, clubs, and competitions) offered to students.

All students in grades 6-12 have the opportunity to participate in the National Science Fair. This takes place at the local, district, regional, state, and national levels depending on students' success in the Science Fair. Students in the Computer Science and Biomedical Science Pathways are given the opportunity to attend field lessons to explore local industry. All students from grades 6-10 attend field lessons to various colleges and programs to gain experience in STEM related fields. Students also have the opportunity to join multiple clubs: National Honor Society, Model United Nations, DUKE Tips, the Chess Club, and the STEM Club. We will also look into the possibility of opening a new HOSA Chapter.

Narratives: Leadership Team

Leadership Team

List the Leadership Team's three priorities for the next year and describe how the selected priority contributes to the academy's success. Each priority should be a benchmark from the ECHS/T-STEM/P-TECH Blueprint.

Benchmark	Description
MOU with industry/business partner	By creating well developed MOUs with local business and industry partners, we can better serve our students gaining more hands-on work based learning experience
MOU with IHE	By creating well developed MOUs with local IHEs, we will be better able to assist our students gaining dual credit hours, especially with local community colleges
Industry Certifications	Creating structured CTE Programs of Study, we will be able to help our students gain certifications upon graduation.

Narratives: Benchmark 1 Products, Benchmark 2 Products, Benchmark 3 Products, Benchmark 4 Products, Benchmark 5 Products, Benchmark 6 Products, Benchmark Products

Benchmark Products

Benchmark 1 Products

Provide a link to the academy's mentor/induction program plans.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's annual training or professional development plan with the academy and IHE faculty

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's leadership meeting agendas and notes.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Benchmark 2 Products

Provide a link to the academy's written admission policy and enrollment application

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's written recruitment plan including a timeline of recruitment and enrollment events, and recruitment materials for distribution at feeder schools and other appropriate locations in the community.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's brochures and marketing in Spanish, English, and/or other relevant languages.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's written recruitment plan including a timeline of recruitment and enrollment events, and recruitment materials for distribution at feeder schools and other appropriate locations in the community.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Benchmark 3 Products

Provide a link to the academy's meeting agendas and minutes, with action items and decision logs.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's final, signed, and executed MOU with their industry partner/business.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's final, signed, and executed MOU with their IHE

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's list of strategic partners with each member's organization, title and role in providing work-based learning for students by grade level.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Benchmark 4 Products

Provide a link to the academy's four-year crosswalk document

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's master schedule.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's curriculum alignment documents.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's testing calendar and schedule for TSI, ACT, SAT or other assessments.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's documentation detailing a minimum of three course of study examples that outline student pathways from high school, to associate degrees, to work credential and beyond.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Benchmark 5 Products

Provide a link to the academy's documentation of appropriate work-based learning experiences for students at all grade levels.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's current dated regional high demand occupation list.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's aggregate data describing student participation in work-based learning experiences as well as percentage of students earning industry certification and credentials by type.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's samples of student artifacts such as writing, portfolios, presentations, or links to digital content.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Benchmark 6 Products

Provide a link to the academy's bridge program calendar and curricula.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link the academy's tutoring and other intervention/remediation program schedules,

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>

Provide a link to the academy's calendar of family outreach events.

<https://ideapublicschools.org/our-schools/idea-san-benito/tstem/>
