

# AKOBEN CYBER CHARTER SCHOOL (ACCS)

## AN AFRICAN HERITAGE AND DIASPORAN CENTERED CULTURAL INITIATIVE

The [PRIME STEP Academies®](#) are operated and implemented as a part of the Rites of Passage System in the final quarter of each school year. **PRIME STEP®** is the acronym for the Pennsylvania Regional Institute for Mathematics, Engineering, Science, Technology, Education, and Pharmacy®. Each student may select and interview for as many **PRIME STEP Academies®** as they have an interest. Enrollment in an academy is based upon their choices and interests. The duration of this school-based academy is six (6) weeks, and is a mandated system held at the end of the academic-year as the Summer Bridge for each grade from 5<sup>th</sup> through 12<sup>th</sup>. The trips, classes, activities, and socialization projects held throughout the year helps students to prepare for this intensive system. Listed below are the general thematic units, career paths, classes, and skills sets associated with each applicable grade. The concurrent grade is the grade in which each student is finishing, produces a project as a team and as an individual to earn promotion to the next grade and continue enrollment in the next, and subsequent, academic year. The [NEXUS](#) is the generation (or link) that engages students to become a unit of organization. And this unit of organization prepares each student, and their class, for career exploration, hands-on training, classes, and practical field trainings. The [KAFO](#) is a regional collective of students who have completed advanced trainings, and have bonded into cohorts of student leaders and peer mentors.

### GRADE PRIME STEP ACADEMIES® - RITES OF PASSAGE ENRICHMENT COMPONENT

#### SUMMER BRIDGE: RITES OF PASSAGE – NEXUS FORMATION

<u>5<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Structures • Statics • Lego Camp	<u>MEDICINE &amp; PHARMACY</u> • Urban Gardening • Natural Remedies I • Home Cooking	<u>TECHNOLOGY &amp; TRADES*</u> • Construction Trades • Auto Mechanics • Ecology	<u>MATH/SCIENCE</u> • Pre-Algebra I • Botany & Zoology I • Projects & Reports	<u>COMPUTER SCIENCE/TECH.*</u> • Repair/Refurbishing • Programming Languages • DOS, Unix, Linux, Logo	<u>EDUCATION</u> • Music: Instruments • Art: Clay, Material • Citizenship I
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#### SUMMER BRIDGE: RITES OF PASSAGE – NEXUS DEVELOPMENT

<u>6<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Kinematics • Rocketry • Landscaping	<u>MEDICINE &amp; PHARMACY</u> • Folk Medicines • Natural Remedies II • Farming	<u>TECHNOLOGY &amp; TRADES*</u> • Construction Trades • Culinary Arts • Auto Mechanics	<u>MATH/SCIENCE</u> • Pre-Algebra II • Botany & Zoology II • Projects and Reports	<u>COMPUTER SCIENCE/TECH.*</u> • Construction, Expansion • Programming Languages • Gaming Platforms, Systems	<u>EDUCATION</u> • Music: Instruments • Art: Painting • Citizenship II
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#### SUMMER BRIDGE: RITES OF PASSAGE – NEXUS COHESION

<u>7<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Structures • Statics • K’Nex Camp	<u>MEDICINE &amp; PHARMACY</u> • Herbology • Naturopathy • Nursing	<u>TECHNOLOGY &amp; TRADES*</u> • Construction Trades • Auto Technology • Ecology	<u>MATH/SCIENCE</u> • Pre-Algebra III • Earth Sciences • Comparative Methods	<u>COMPUTER SCIENCE/TECH.*</u> • Repair/Refurbishing • Programming Languages • DOS, Unix, Linux	<u>EDUCATION</u> • Essays, Prose • Poetry, Speeches • Music: Band • Art: Murals
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#### SUMMER BRIDGE: RITES OF PASSAGE – NEXUS ADVANCEMENT

<u>8<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Kinematics • Lego Robotics • Horology	<u>MEDICINE &amp; PHARMACY</u> • Holism • Homeopathy • Herbology	<u>TECHNOLOGY &amp; TRADES*</u> • Construction Trades • Culinary Arts • Auto Technology	<u>MATH/SCIENCE</u> • Algebra I • Physical Sciences • Writing Lab Reports	<u>COMPUTER SCIENCE/TECH.*</u> • Computer Construction • Programming Languages • Graphics/CGI	<u>EDUCATION</u> • Rules of Order • Public Speaking • Music: Band • Art: Sketching • Spoken Word
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**SUMMER BRIDGE: RITES OF PASSAGE – KAFO FORMATIONS**

<u>9<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Industrial • Technological • Traffic • Machining I	<u>MEDICINE &amp; PHARMACY</u> • Allied Health • Therapeutics • Immunology • Dermatology	<u>TECHNOLOGY &amp; TRADES*</u> • Construction Trades • Barbering, Beautician • Hair Care • Culinary Arts • Auto Technology	<u>MATH/SCIENCE</u> • Geometry • Biology • Cryptology I	<u>COMPUTER SCIENCE/TECH.*</u> • Network Engineering • Programming Languages • Web Page Design	<u>EDUCATION</u> • Writing Formats • Public Debate • Sports Education 1 • Music: Orchestra 1 • Art: Portfolios I • Fitness & Health 1 • Theatre I • Peer Mentoring -> Group Skills
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**SUMMER BRIDGE: RITES OF PASSAGE – KAFO INTENSIVE**

<u>10<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Robotics • Aquatics • Agri. Tech. • Machining II	<u>MEDICINE &amp; PHARMACY</u> • Genetics • Rehabilitation • Cardiology • Gerontology	<u>TECHNOLOGY &amp; TRADES*</u> • Construction Trades • Real Estate • Culinary Arts	<u>MATH/SCIENCE</u> • Algebra II • Chemistry • Laboratory Reports • Cryptology II	<u>COMPUTER SCIENCE/TECH.*</u> • Computer Engineering • Network Administration • Programming Languages • Software/Apps Design	<u>EDUCATION</u> • Technical Writing • Music: Orchestra 2 • Art: Portfolios II • Fitness & Health 2 • Sports Education 2 • Theatre II • Peer Mentoring II -> Instruction
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**SUMMER BRIDGE: RITES OF PASSAGE – KAFO COMPLETION**

<u>11<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Mechanical • Electrical • Civil, Material • Chemical • Aerospace • Veterinary	<u>MEDICINE &amp; PHARMACY</u> • Pharmacology • Neurology • Virology • Osteopathy • Forensics	<u>TECHNOLOGY &amp; TRADES*</u> • Construction Trades • Security, Enforcement • Law, Para-Legal • Education • Business • Entrepreneurship	<u>MATH/SCIENCE</u> • Actuarial Sciences • Pre-Calc/Calc • Trigonometry • Elementary Functions • Physics	<u>COMPUTER SCIENCE/TECH.*</u> • Software/Apps Design • Systems Engineering • Cybernetics	<u>EDUCATION</u> • Proposal Writing • Music: Orchestra 3 • Art: Portfolios III • Fitness & Health 3 • Sports Education 3 • Theatre III • Peer Mentoring III -> Group Leadership
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**SUMMER BRIDGE: RITES OF PASSAGE – KAFO DEMONSTRATIONS AND INCORPORATIONS**

<u>12<sup>th</sup> Grade</u>	<u>ENGINEERING*</u> • Civilization	<u>MEDICINE &amp; PHARMACY</u> • Health Care Systems	<u>TECHNOLOGY &amp; TRADES*</u> • Human Development	<u>MATH/SCIENCE</u> • Human Evolution	<u>COMPUTER SCIENCE/TECH.*</u> • Artificial Intelligence	<u>EDUCATION</u> • Incorporation
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The final stage for students is to create, produce, or reproduce a civilized society. This includes the combination of skills, trades, technologies, educations, ideas, experiences, bonding, interactions, and developmental needs into a cohesive mini-society. Each academy group will be given a series of tasks and projects to complete. These components must be united, melded, blended, and cross-developed with the tasks and projects of the other academies in order to formulate and demonstrate students' mastery of government, systems, human interests, quality of life, and the infrastructure to maintain and advance human evolution. Once completed, the Kafo will incorporate one (1) or more businesses towards the effective implementation of these challenges' final products.

**\* Renewable, alternative, recyclable, and future technologies, techniques, methodologies and systems are core components of each PRIME STEP Academy.**

The **GLOBE TREKKERS' ACADEMY®** is the study abroad component of the Akoben Cyber Charter School (ACCS). Students, Learning Coaches, parent chaperones, rites of passage coordinators, and educators will travel to other cities, states, territories, and countries to experience first-hand evidence and education of the African Diaspora. Key to this study abroad is the learning of, and instruction on, the contributions of the African Diaspora to world history, global economies, human evolution, and the origins of civilization. Trips will be scheduled in accordance with age and grade appropriateness, safety, distance, cost and needed duration of stay. Sister City and Sister School sites shall be established as part of a student exchange and leadership development system in key locations in Pennsylvania, in various states in the union, and in certain countries. The standard trips shall include the following:

- UNITED STATES:** Maryland, Georgia, North and South Carolinas, Hawaii, California, New York, New Jersey, Mississippi, Florida, Tennessee, Illinois, Ohio, West Virginia, Virginia
- NORTH AMERICA:** Canada
- CARIBBEAN ISLANDS:** Trinidad and Tobago\*\*, Jamaica\*\*
- AFRICA:** Ghana\*\*, Gambia\*\*, Egypt\*\*, Kenya, South Africa, Nigeria, Benin, Mali
- SOUTH AMERICA:** Brazil\*\*
- CENTRAL AMERICA:** Belize, Panama, Mexico\*\* (Yucatan Peninsula, Ancient Pyramids)
- EUROPE :** France\*\*, England\*\*, Spain, Italy
- ASIA, SOUTHEAST ASIA:** China, Thailand, Cambodia\*\*, South Korea, Okinawa

**\*\* Standard trips. All others are by special design.**

Students will be assigned projects based upon the history and culture of the selected location. Also, students will be immersed into the traditional and local languages of the countries as a part of the study abroad component. Therefore, knowledge of, and fluency in, Kiswahili, Mandenkan, Arabic, English, and French are needed fro travel to Africa. Knowledge of, and fluency in, Espanõl, Portuguese, French, and English are needed for travel to the Caribbean Islands, Mexico, and Brazil. Knowledge of, and fluency in, Chinese, Khmer, French, English, Thai, and Korean are needed for any travel to Asia and Southeast Asia.

Students will engage classes in the cultures, norms, mores, protocols, and languages of the peoples and lands to which they will be traveling. Digital photos and videos will be taken of the trips to foreign countries and monuments.

Rites of Passage {Orientation, Courses, Leadership and Resiliency Program, Summit, Peer Mediation, Etc.} – See enrichment courses  
 African History and Diasporan Culture Courses – see enrichment courses

ORIENTATION	PREPARATION	SEPARATION	REINCORPORATION	PRIME STEP ACADEMIES
6 Weeks (Aug. to September)	Monthly Trips, Outings	Monthly Socializations	Monthly testing, performances	6 Weeks (April to June)