2013-14
Program Summary

Program Sites

- Connell
- Diehl
- Emerson
- Harding
- Pfeiffer
- Wayne
- Wilson

Session Dates

3, 11 week sessions
Session I: Sept 3 – Nov 21
Session II: Dec 3 – Feb 27
Session III: Mar 4 – May 28

Course Summaries

Mondays: All Sites

- Study Skills
  Students will be divided into three groups to rotate for three, 1-hour sessions to complete homework with assistance from instructor and tutors; engage in a study skill lesson; and be provided with a snack.
- Choices: Cause & Effect
  Students at all sites will be divided into two or three groups to rotate for two or three 1-hour sessions. Students will engage in activities focusing on teen issues, team building, leadership skills, goal planning, communication skills, etc.
- Total Fitness
  Students at all sites will be divided into two or three groups to rotate for two or three 1-hour sessions. Students will engage in activities focusing on fitness and nutrition.

Homework / Fitness / Snack: All Sites

Tues/Wed/Thurs (First 1 ½ hrs)

During this timeframe, instructors will assist students with homework, coordinate academic activities and tutors, and teach a daily study skill using resources from study skills curricula and PSSA prep. Instructors will also lead students in a daily 15-30 minute physical fitness activity and distribute program snacks. The goal is for students to have a daily routine for a snack, complete homework, improve academic skills, and engage in a physical activity.

1-Day Clubs: STEM Focus

- Brain Link: All Sites
  Brain Link is an inter-active, fun and engaging activity whereby students will gain working knowledge of the human brain; how the brain learns and remembers, how the nervous system works, how it gives us our personality, interprets what we see, hear, smell, feel and even works when we are sleeping by keeping us breathing and our hearts beating. Students will compare various animal brains, explore the parts and functions of the human brain and how the brain is protected from injury. Intelligence, the motor system, the senses and memory / learning make up this comprehensive, interdisciplinary and engaging unit.
- Arts in Engineering: All Sites
  Create project-based learning opportunities for students to study the art of engineering: how science, math and engineering is used in the creation of art. Projects will be highlighted at the Gears Expo and Family Celebrations. Students will be expected to prepare a presentation on their projects. Collaboration with Edinboro University Art students may be required.
- Mercyhurst STARS: Connell, Emerson, Harding, Pfeiffer, Wilson-A
  Mercyhurst University education and biology students implement a hands-on STEM based program, STARS, (Science and Technology Achieving Real Solutions) that develops critical thinking skills using inquiry-based science and math activities and provides practice time for online learning using Web 2.0 tools to improve math and technology competencies. Students apply new skills to a sustainable site-based project that they manage themselves.

- Off the Page: Connell, Emerson, Pfeiffer, Roosevelt, Wayne, Wilson A/B
  A reading club, facilitated by author Marcus Atkinson, is taken to the next step, or "off the page" to create video presentations and small projects in relation to the subjects read.

1-Day Clubs: Skill Focus

- University Art: Diehl, Roosevelt, Wayne, Wilson A/B
  Create project-based learning opportunities for students based on a variety of mediums. Projects will be highlighted at the Gears Expo and Family Celebrations. Students will be expected to prepare a presentation on their projects. Collaboration with Edinboro University Art students is required.
- Women's Care Center: Pfeiffer, Wayne
  A published character curriculum developed and implemented by WCC staff, guides program students to learn the skills and concepts needed to teach the program to younger students. As soon as program students are ready, they will go into a primary grade classroom weekly to teach the character skills to the younger students. Mentoring takes place at two levels simultaneously.
- Sojourners Sewing: Connell, Emerson, Harding, Pfeiffer, Wilson-B
  Through storytelling and guidance, Betty Walker teaches students how to create fabric-sewn quilts that have meaning and tell a story of their own.
- Adagio Health: Harding, Roosevelt, Wilson-B
  Students will learn the basics of adolescent sexual development by trained Adagio Health staff.

1-Day Clubs: Fitness Focus

- Superior Martial Arts: Connell, Diehl, Roosevelt, Wilson A/B
  Students will learn the basics of martial arts by master instructor Frank Di Salvo
- Hula Hoops: Diehl, Emerson, Harding, Roosevelt, Wilson-A
  Students will learn the art of dancing with hoops by fitness instructor Jennifer Dennehy
- Zumba: Diehl, Emerson, Wayne, Wilson-A
  Students will learn the art of Zumba dancing by professional dance instructors from Barefoot Buddha.

2-Day Clubs: STEM Focus

- Lego League: All Sites
  Coaches will guide student work on First Lego project and missions. First Lego League training manual, on-line coaching updates, mentor assistance and the 2013 Challenge Mission will be utilized in preparation for the regional tournament (Date TBD).
- Cooking Chemistry: All Sites but Emerson
  Cooking Chemistry will reveal the practical, yet sometimes unexpected, science of the kitchen. Students will learn the basics of kitchen sanitation and hygiene, proper use of cooking / measuring tools and equipment, basic food preparation techniques and the role of natural, unprocessed food as part of consuming a healthy, well-balanced diet. This will be accomplished through inter-active demonstrations, labs, video, field trips, etc.
- Engineering: All Sites
  Assist students in learning about simple machines and chain reactions by guiding them through the process of designing and building machines and rockets to accomplish an objective. Students will journal throughout the process and be asked to prepare a short presentation that will discuss the basic principles of physics and mechanics that were used in the machine and then demonstrate the machine while competing at a local competition/expo.
- Box of Light: Connell, Pfeiffer, Wilson-A
  Using technology, students will learn how to create animated movies, and the skills necessary for public speaking and marketing.
- Marketing & Arts: All Sites
  Guide students in developing a service or product in which students research need, determine cost and profit, and implement a marketing plan. Projects will be sold and highlighted at the Gears Expo and Family Celebrations. Collaboration with Edinboro University Art students may be required.