



Icahn Charter School #1

1525 /1506 Brook Avenue
Bronx, New York 10457
Telephone (718) 716-8105
Fax (718) 294-4198

www.ica hncharterschool1.org

Lawford Cunningham, Principal
Natalie Ellis, Administrative Assistant

Maureen DeGuisto, Staff Developer
Carly Callaghan, School Counselor

Seventh Grade Syllabus March 2018

September 14, 2012

Dear Parents/Guardians:

The 8th Grade and Prospective 7th Grade Algebra and Biology Groups will be visiting the Harlem DNA Lab (located at the John S. Roberts Educational Complex (J.H.S. 45), 2351 First Avenue at 120th St, East Harlem, New York 10035) in order to bridge concepts in science and math through a very engaging and rigorous laboratory experiment. We will be transforming a non-lethal strain of *E. coli* into a glowing bioluminescent strain. If you have any questions please contact the school or visit the center's website: www.harlemdna.com. **PREPARATION FOR THE NEW YORK STATE ENGLISH LANGUAGE ARTS TESTS WILL BE CONDUCTED EACH DAY.**

Math:

- **Statistics** – Students will understand that statistics can be used to gain information and draw inferences about a population. Students will use measures of central tendency and measures of variability to draw informal comparative inferences about two populations.
- **Probability** – Students will understand probability of an event as a number between 0 and 1. Students will be able to approximate the probability of an event by collecting data and using predictions. Students will be able to find probabilities of compound events by using organized lists, tables, tree diagrams and simulations.
- **PREPARATION FOR THE NEW YORK STATE MATHEMATICS TESTS WILL BE CONDUCTED EACH DAY.**

History and Geography:

- **The Jackson Administration** – Students will understand the presidency of Andrew Jackson and how his actions and various crises changed the executive branch. Students will be able to recognize why the United States treated the Native Americans the way that they moved them from their ancestral homes.
- **Manifest Destiny** – Students will conduct a simulation and make a variety of decisions about Manifest Destiny and moving across the United States along the Oregon Trail.

Foreign Language: Spanish

Unidad 3: Puert Rico – Comer en familia/Eating with the family

Theme/Tema: Mi comida favorita/My favorite food

- Vocabulary
- Talk about foods and beverages
- Ask questions
- Say which foods you like and don't like
- Talk about family
- Ask and tell ages
- Express possession
- Give dates
- Make comparisons





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Culture/Cultura:

- How does an artist’s work represent historic landmarks of a country?
- What do elections reveal about a culture?
- How do portraits represent the people?
- What celebration in the United States is similar to “la quinceañera”?



Sayings and Phrases:

- There is no greater difficulty than unwillingness. / No hay dificultad que la poca voluntad.



Science: Cells – The Units of Life

- **Support, Movement, and Responses** – Students will understand the connection of organ systems which perform specific functions and interact with each other.
- **Acidic and basic Solutions** – Students will be able to investigate and explain how pollutants enter and remain in the environment and its consequences for living and non-living things.



Health:

- Students will be using the information they have learned to give them the opportunity to make their own workouts based on the different difficulties of activities and exercises we have completed in class for their particular fitness goals. Students will also be learning about the Paralympics starting March 8th and dive into bullying/cyberbullying topic before break.



Looking Ahead

March 2, 2018

- **No Classes Scheduled (Professional Development)**

March 12, 2018

- **5th & 6th Grade Parent Testing Meeting**

March 16, 2018

- **Green Day in honor of St. Patrick’s Day: Wear something green**

March 22, 2018

- **Marking period 5 begins**

March 29, 2018

- **12pm Dismissal**
- **Grade color day**

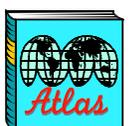
March 30, 2018-April 6, 2018

- **School Closed Spring Recess**

March 31, 2018

- **NO Saturday Academy**

**Saturday Academy Dates:
March 3rd, 10th, 17th & 24th**



Please check the school’s website frequently for the latest school news
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Eighth Grade Syllabus March 2018

September 14, 2012

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- **PREPARATION FOR THE NEW YORK STATE ENGLISH LANGUAGE ARTS TESTS WILL BE CONDUCTED EACH DAY.**

Math:

- **Transformations** – Students will understand that a two-dimensional figure is congruent to another if the second can be obtained from the first by a sequence of rotations, reflections, and translations. Students will understand that a two-dimensional figure is similar to another if the second can be obtained from the first by a sequence of rotations, reflections, translations, and dilations.
- **Volume** – Students will know the formulas for the volumes of cones, cylinders, and spheres and use them to solve real world and mathematical problems.
- **PREPARATION FOR THE NEW YORK STATE MATHEMATICS TESTS WILL BE CONDUCTED EACH DAY.**

History and Geography:

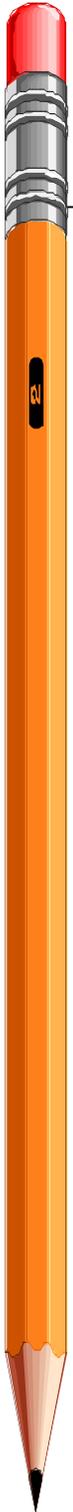
- **The Cold War** – Students understand how the world emerged from the Second World War and into the Cold War almost immediately afterward. Students will recognize and explain how the US sought to contain the expansion of the Soviet Union, communism, and the threat of global nuclear war. Students will understand the causes, effects, and major events of the Korean War.

Foreign Language: Spanish

Unidad 6: República Dominicana / Mantener un cuerpo sano / Maintaining a healthy body

Theme/Tema: ¿Cuál es tu deporte favorito? / what is your favorite sport?

- Vocabulary
- Talk about sports
- Talk about whom you know
- Talk about what you know
- The verb jugar
- The verb saber and conocer
- The personal a





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Culture/Cultura:

- Discuss how professional athletes support their home countries.
- Discuss how an artist's work can reflect the pastimes of one's country

September 14, 2012

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maintain the Sun, Earth and Moon System in a predictable motion. Students will understand the latitude/longitude coordinate system and or system of time are based on celestial observation.

Health:

- Students will be comparing the differences between and Olympic athlete's diet to an average person. This will allow students to learn about new diet plans and understand how athletes fuel their bodies at the highest level. Students will be learning more specifically about the nutrition label and how to tell whether foods are good or bad for you.

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March 16, 2018

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March 22, 2018

- **Marking period 5 begins**

March 29, 2018

- **12pm Dismissal**
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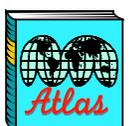
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