

The 19 EPIC Competencies & 66 Attainments

EPIC COMPETENCY DESCRIPTIONS

EPIC Competency-Based Academic Program: Teaching and learning is wholly organized around helping students to master specific competencies both Academic and Social/Emotional Skills—that collectively define what a student must know and be able to do in order to be considered college and career ready. The EPIC competency framework is aligned to both the New York State Learning Standards, inclusive of the Common Core State Standards, and the NYCDOE College and Career Readiness Benchmarks in order to help students master the skills and knowledge necessary to pass PARCC-aligned Regents exams, graduate from high school, and complete two years of college and/or a career internship of their choice.

Teaching and learning is organized into cycles, with four types of courses offered: Subject Area Classes (interdisciplinary, problem-based learning focused on a network-wide theme); Selectives (units of study focused on competency strands and/or clusters); Targeted Support (dedicated time for mastering discrete skills); and CORE (social-emotional and leadership development).



READ ANALYTICALLY

I can read, decode and interpret text and other media. I can use various strategies to access information from charts, graphs, and diagrams. I can read for meaning and demonstrate understanding through personal response. I can respond to text and media by showing understanding, making connections, and making judgments. I can understand and make meaning from news sources, academic writing, literature and other forms of media to advance my own knowledge, understanding, and enjoyment.



COMMUNICATE & BE CREATIVE

I can interact with others through verbal, visual and artistic expression. I can use clear, concise, organized language to express thoughts and ideas in front of a group. I can listen effectively and engage others in conversations, in working together and in presenting information and ideas. I can actively respond to participants in a conversation. I can express my thoughts, ideas and emotions through visual arts, music, performance, multimedia or other means of artistic representation. I can use multiple forms of media to convey learning.



WRITE EFFECTIVELY

I can express myself in my own unique voice. I can write to communicate, organize, and record information. I can develop and present a logical sequence of ideas using appropriate structure and conventions. I can demonstrate proper grammar use and mechanics. I can synthesize and properly integrate outside resources into my writing. I can edit language and style both independently and with assistance from peers and adults. I can take different positions for different tasks. I can write to express my feelings and views or to persuade an audience. I can appropriately credit sources of information.



THINK CRITICALLY AND DESIGN SOLUTIONS

I can distinguish between facts and opinions. I can analyze, synthesize and evaluate information to guide my actions and beliefs. I can formulate and raise questions. I can assess and draw inferences from sources. I can develop responses beyond what is rote. I can navigate complex situations. I can design and build solutions to complex challenges.



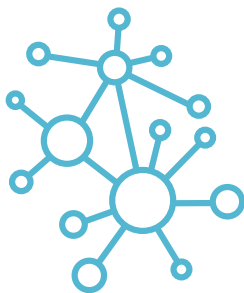
CONNECT TO ENVIRONMENT

I can understand my physical, social and cultural environment. I can interact with and adapt to my surroundings. I can operate in different cultural settings. I can explain the impact of personal and collective actions on communities, environment, and society. I can correctly apply concepts of cause and effect and correlation.



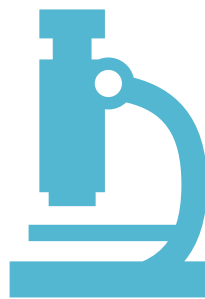
CONCEPTUALIZE GROWTH & DEVELOPMENT

I can conceptualize how living things develop and how we design objects in relationship to their environment. I understand how complex systems, both living and built, function and the interdependencies within them. I can apply my understanding of living things and systems in a variety of situations.



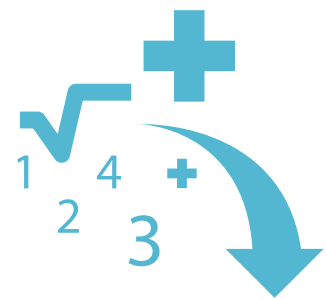
SYNTHESIZE SYSTEMS AND PROCESSES

I can analyze how parts of a system interrelate and work together over time. I can break systems into their component parts. I can understand the organization and structure of a system at different levels. I can identify and assemble factors to explain and produce general processes.



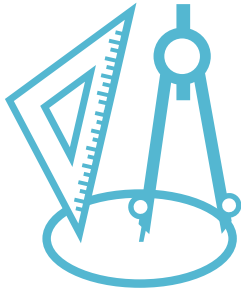
INVESTIGATE SCIENTIFICALLY

I can ask questions, do research, and make hypotheses. I can test my hypotheses, analyze results, and draw conclusions, and I can use this information to deepen my understanding of the world around me. I can apply the scientific method beyond the science classroom to investigate real world problems.



APPLY NUMERACY

I can think and express ideas in quantitative terms. I know how numbers connect and relate. I can estimate and figure out the correct solution when I see a problem. I can create and evaluate mathematical expressions and equations for a given situation. I am numerically literate and can use my skills in a variety of contexts to make wise decisions.



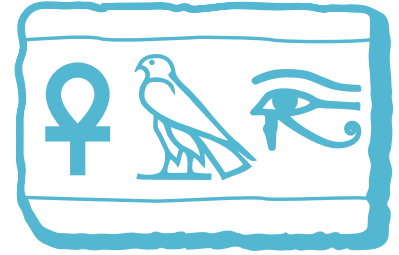
EVALUATE SPACES, SHAPES & CONDITIONS

I can effectively use measurement and evaluation in a wide variety of situations and contexts. I use measurements in order to design, build and modify. I understand the relationship between angles and measurements. I can identify shapes and provide proof of their classification. I can track changes in conditions and the long and short term effects of these changes.



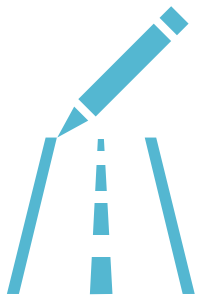
PRACTICE SOCIAL RESPONSIBILITY

I can contribute to my community both locally and globally. I can learn from and take the perspective of those who are different than me. I can identify social and ethical norms in a variety of situations. I am aware of the events, people and systems that shape politics and world affairs and I can take action and access power based on that knowledge. I know my own history and culture and value learning the culture and language of others.



APPLY HISTORY IN VARIETY OF WAYS

I make sense of my life and take action as a result of understanding the world around me, including the people, places and events that have made the world the way it is. I can use the past in understanding current events, literature, art, people and places. I can identify trends and patterns over time. I can evaluate primary sources.



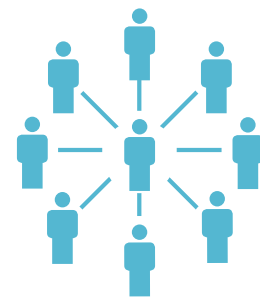
DESIGN MY FUTURE

I can author my own story around college, career and life. I have a design mindset and I can plan and implement things myself with little instruction, support or guidance. I can look for opportunities to empower myself and pivot as necessary in dynamic contexts. I can execute successfully when presented with external barriers to my success.



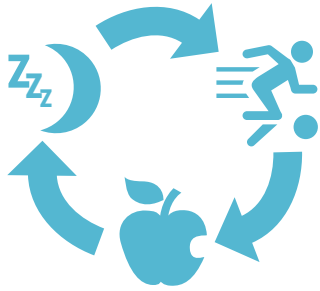
DEVELOP MYSELF

I can assess my feelings, interests, values and strengths. I have a well-grounded sense of self confidence and can advocate for myself to get my needs met, but can also admit when I'm wrong. I can handle stress, control my impulses and persevere in overcoming obstacles. I can adapt to new contexts and accept critical feedback as an opportunity for growth.



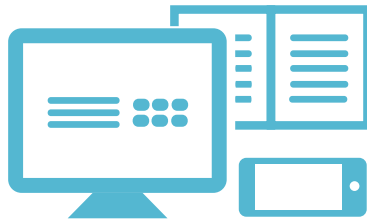
MANAGE MY RELATIONSHIPS

I have the agency and skills necessary to successfully create and maintain positive relationships with a broad range of diverse people. I can prevent, manage and resolve interpersonal conflict and make decisions that build social capital and contribute positively to my community.



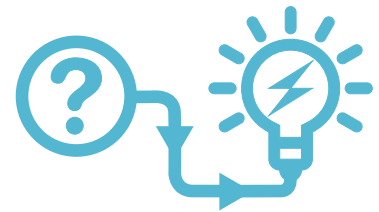
STAY HEALTHY

I can take care of myself physically, emotionally, and mentally. I can identify harmful situations and know how to respond to negative experiences. I am able to see how my actions affect the wellbeing of others and my environment. I am my body's keeper. I understand how my body works and use that knowledge to make positive choices.



USE TECHNOLOGY & MEDIA PURPOSEFULLY

I can engage with media and technology for a variety of reasons. I use computers, tablets, phones and related technology to find, select, organize, and share ideas and information. I can use technology to be more efficient in my work. I can use various forms of media to express thoughts and ideas. I am able to determine bias in media and its effects on consumers. I know that my actions on social media can affect other aspects of my life and will navigate in appropriate and safe ways.



DIRECT MY LEARNING

I can set goals and manage my trajectory towards those goals despite challenges I may face. I can be self-directed but know how to ask for help when needed. I believe that my abilities will grow with my effort and I value learning as a life-long journey.



ANALYZE DATA AND INFORMATION

I can conduct observations, interpret information, identify patterns, differences, relationships and reach conclusions. I can sort, analyze, and represent information in a variety of forms to others. I can make predictions based on what information tells me. I use data and information to substantiate claims. I can survey and interview.

THE ATTAINMENTS

- I can read and interpret technical text and literature.
- I can maneuver technology.
- I can articulate complex thoughts and ideas in writing.
- I can understand domain and context specific words and use them appropriately.
- I can verbally articulate a point of view.
- I can make connections to current events.
- I can access knowledge around a wide variety of careers.
- I can use appropriate tools strategically.
- I can use math to handle finances effectively.
- I can problem solve.
- I can facilitate a meeting or workshop.
- I can use a variety of presentation skills.
- I can interact with new forms of media.
- I can safely and appropriately manage social media.
- I can reason logically.
- I can reason mathematically.
- I can think symbolically.
- I can break an idea into its parts.
- I can apply statistics.
- I can formulate a sound argument based on evidence.
- I can think creatively.
- I can represent mathematical expressions.
- I can take real world problem and express it in mathematical form.
- I can use reasoning to justify a solution or argument.
- I can create models for a situation.
- I can summarize, represent and interpret data.
- I can reason abstractly.
- I can show precision in my work.
- I can estimate and/or hypothesize.
- I can look for and make use of structure or patterns from source materials.
- I can look for and express regularity in repeated reasoning.
- I can plan and carry out investigations.
- I can determine a central idea from a source.
- I can construct explanations and design solutions for a situation.
- I can apply the scientific method.
- I can analyze how things change as they grow
- I can analyze how events, ideas, and individuals interact and develop.
- I can interpret meaning based on context.
- I can ask questions and define problems.
- I can obtain, evaluate, and communicate information.
- I can recognize how point of view influences the presentation of ideas and information.
- I can evaluate the influence of Engineering, Technology, and Science on Society and the Natural World
- I can cite evidence and information to build, express, and/or substantiate an argument or interpretation.
- I can write effectively for a particular audience, purpose or task.
- I can conduct research.
- I can analyze how a subject or scene is represented across different mediums.
- I can develop or strengthen my writing by planning, revising, editing, rewriting, or trying a new approach
- I can express thoughts, opinions, or feelings in writing.
- I can demonstrate command of the conventions of standard English grammar and usage when writing or speaking.
- I can believe in myself and engage with my life with confidence, vision and purpose
- I can control my responses and behaviors in a range of situations, so that I can pursue goals and live up to the realistic standards that have been set for me.
- I can successfully resolve disagreements and arguments, remaining respectful and considerate of others
- I can assume responsibility for my thoughts and actions and understand the power of my decisions
- I can seek and connect to the resources and people that I need to meet my needs and goals
- I can work collaboratively with others.
- I can be aware and appreciate the motives, opinions, and feelings of others.
- I can value diversity, remain open-minded and consider other people's perspectives
- I can make decisions based on what I think is right and follow through on commitments to others.
- I can take care of myself in healthy ways.
- I can relate, socialize and form relationships with people in productive, healthy and meaningful ways
- I can set, monitor, adjust and achieve realistic goals that support my growth and development
- I can make it through tough situations and recover from challenges and setbacks
- I can develop my leadership abilities by using my talents and resources to help others.
- I can plan & organize myself and my time in ways that support and improve my work.
- I can show strength and take action even in the face of fear
- I can reflect on my thoughts, actions & experiences & make decisions and meaning that are based on my observations & insights