

A Teachers' Guide to the Wildcat Capstone Experience

WHAT is the Wildcat Capstone Experience?

The Wildcat Capstone Experience is designed to engage all learners in developing, identifying and demonstrating the critical skills and learning expectations needed for future success. These essential skills include the following:

- *Communicating*
- *Critical and creative thinking*
- *Collaborating*
- *Contributing to community*

WHY are we creating a Wildcat Capstone Experience?

- To encourage students to become self-reflective of their learning over their time at SHS to see themselves as a *Communicator, Critical and creative thinker, Collaborator and Contributor to the community*
- Alignment to Board of Education Policy (6146), NEASC, and Portrait of a Graduate

WHEN and WHERE will students work on their Wildcat Capstone Experience?

- Freshman and Sophomore year students will
 - Learn how to log in and use MTC platform
 - Create Student Statement on MTC
 - Upload quality examples or artifacts that highlight proficiency in the 4 essential skills throughout the year during academic classes and/or Wildcat class
 - Reflect on work habits, learning, challenges and successes for uploaded artifacts
 - Begin logging community service hours in MTC to demonstrate skill of being a contributor to the community- a total of 15 hours is needed by the end of your junior year

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- Junior year
 - Upload quality examples or artifacts that highlight proficiency in the 4 essential skills throughout the year
 - Reflect on work habits, learning, challenges and successes for uploaded artifacts
 - Begin to select/highlight artifacts that can be used as evidence to demonstrate growth and proficiency in the 4 essential skills in preparation of their Senior Wildcat Capstone Experience presentation
 - Students may begin to engage in an outside learning experience/project which may also include artifacts that can be uploaded as evidence of proficiency
 - Continue logging community service hours in MTC to demonstrate skill of being a contributor to the community- a total of 15 hours is needed by the end of your junior year
- Senior year
 - Add any additional artifacts
 - Synthesize artifacts into evidence
 - **Wildcat Advisors** will keep checking in on seniors to make sure they are on track to meet deadlines
 - All students will present their Wildcat Capstone Experience portfolio to a small panel comprised of teachers, counselors, parents, and community members
 - Present evidence demonstrating their skills in the 4 essential areas
 - Presentations will be about 15 minutes

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	<ul style="list-style-type: none">■ Student should be prepared to answer questions from the panel
WHAT is an artifact/evidence?	<ul style="list-style-type: none">● Artifacts capture the student's skill set at the time of completion● Artifacts become evidence when they are used to demonstrate a change in the skill set● An artifact can be uploaded under multiple essential skills● Examples of artifacts that can become evidence may include but are not limited to: a project, paper, video or audio project, poster, essay, artwork, certificate, award, article, photograph, blueprint, etc.
WHAT will I do as a Wildcat Advisor?	<ul style="list-style-type: none">● Check in with students to see that they have uploaded artifacts and reflections● Guide students in understanding the meaning of each of the essential skills● Have conversations with students about their experiences outside of school that can be uploaded as artifacts● Sign off on MTC artifacts as appropriate● Reach out to teachers if students are struggling to identify artifacts for upload
WHAT if the Wildcat advisor is absent?	<ul style="list-style-type: none">● Buddy teachers will be preassigned● Notify your buddy teacher of your absence as soon as possible● Buddy teacher will bring students from their Wildcat classroom into their own● Buddy teacher will meet with students and schedule them● If a substitute is available they will supervise students in the original Wildcat homeroom after they have scheduled with the buddy teacher● If no substitute is available, students will stay in the buddy teacher's Wildcat homeroom

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Essential Skills Defined	<ul style="list-style-type: none">● Communicating● Critical and creative thinking● Collaborating● Contributing to community
WHAT is the expectation of the classroom teacher?	<ul style="list-style-type: none">● Connect what you already do to the 4 essential skills● Provide opportunities for students to demonstrate their proficiency in the 4 essential skills throughout the year● Help students make connections between classroom experiences and alignment to the 4 essential skills● Provide identified opportunities within curriculum for students to upload artifacts and self-reflections
WHAT is MTC?	<ul style="list-style-type: none">● Mastery Transcript Consortium● Portfolio to store artifacts for each of the 4 essential skills● Can be sent to colleges in lieu of a traditional transcript, however we are using it for the purpose of building our Wildcat Capstone Experience portfolio
WHAT are the expectations for the Wildcat Capstone Experience throughout the 4 years?	<ul style="list-style-type: none">● Wildcat Capstone Experience Yearly Expectations
HOW will students be assessed?	<ul style="list-style-type: none">● Students will give a presentation, in any format, to highlight evidence that demonstrates their growth in the 4 essential skill areas● A small panel will be present to hear presentations/participate in a discussion with student about their growth● Presentation Rubric

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WHAT is expected of the student?

- Upload high quality artifacts that demonstrate proficiency in the 4 essential skills
 - Classwork
 - Outside school
- Upload thoughtful reflections which connect the artifact or experience with their growth in the 4 essential skills
- Seek out approval of uploaded artifacts from classroom teacher, school counselor, or Wildcat Advisor based on what was uploaded
- Meet with Wildcat Advisor weekly
- Meet with school counselor once a semester
- Share MTC portfolio with parents/guardians

Kavita Singh

Kavita Singh is a STEM enthusiast and social justice-advocate. She is an aspiring biomedical engineer and hopes for her work to have a tangible impact on marginalized communities.



The Nueva School



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CREDITS

COURSES

BADGES

Credit Profile

Credits Achieved



Evidence

Featured

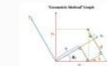
Technical Design



Bioengineering

Brainstormed, researched, designed, iterated, and prototyped two medical wearable devices.

Multidisciplinary Technical and Scientific



Quadratic Surfaces Proofs

Created five distinct ways to derive equations for rotated quadric surfaces.