

## MASTERY TRANSCRIPT CONSORTIUM (MTC)

WeLearn is a proud member of the Mastery Transcript Consortium™ (MTC), a global network of highly progressive schools working together to transform conventional education. The MTC is introducing a digital transcript that aligns students' mastery of skills based on their unique talents, abilities, passions, and personalized learning pathways to integrate them into their educational and professional futures.

The MTC's leaders are redesigning educational systems so that learners are equipped with the skills required for the future, so they are able to keep up with our rapidly transforming world. The Mastery Transcript itself offers a dramatic alternative to traditional transcripts that still focus on the outdated format of the industrial age. This, in fact, shows how conventional school systems emphasize a narrow window into a student's learning by measurement that reduces each complex and unique individual to simple numbers.

The Mastery Transcript is unique in that it provides a graphical representation of each learner's strengths, knowledge, growth, passions, and aspirations.

**Kavita Singh**  
10035 95th Ave NE  
San Mateo, CA, CA 94403

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.

**Nueva**

[Link to school profile](#)

AUTHORIZED BY  
Kathleen Kennedy, Registrar

DATE  
10/28/2019

[Download full transcript \(PDF\)](#)

**MTC MASTERY TRANSCRIPT CONSORTIUM™**

### Credit Profile

Distribution of credits earned by student.

32

Quantitative, Technical and Scientific Fluency  
Social, Cultural and Historical Fluency  
Social and Emotional Acuity  
Problem-Solving and Critical Analysis  
Communication and Self-Expression  
Citizenship and Decision-Making

#### Quantitative, Technical and Scientific Fluency (4)

- Technology Use
- Mathematical Modeling
- Applied Analytics *Advanced*
- Multidisciplinary Technical and Scientific Understanding *Advanced*
- Authentic Scientific Inquiry *Advanced*
- Applied Modeling *Advanced*
- Technical and Scientific Knowledge

#### Communication and Self-Expression (3)

- Cross-Cultural Connection
- Written Diction and Syntax
- Digital Media
- Visual and Artistic Performance
- Visual and Artistic Creation *Advanced*
- Public Deliberation *Advanced*
- Linguistic Systems *Advanced*

#### Social, Cultural and Historical Fluency (3)

- Social and Cultural Knowledge
- Literary Understanding
- Synthesis of Existing Research
- Critical Literary Analysis *Advanced*
- Social-Scientific Analysis *Advanced*
- Historical Perspectives *Advanced*

#### Problem-Solving and Critical Analysis (1)

- Problem Identification
- Critical Consumption of Data
- Technical Design *Advanced*

#### Citizenship and Decision-Making (2)

- Awareness and Inclusion
- Responsible Decision-Making
- Activism and Justice *Advanced*
- Compassionate Integrity *Advanced*

#### Social and Emotional Acuity (1)

- Understanding of Self
- Understanding of Others
- Mind-Body Balance
- Self-Directed Learning
- Leadership in Learning *Advanced*

### Evidence

Featured work selected by the student.

**Activism and Justice *Advanced***

**Co-founder, annual feminism conference**  
Organized public conference with renowned speakers and 100+ attendees.

**Technical Design *Advanced***

**Medical Bioengineering**  
Constructing Medical Wearables to Detect Depression in MI Patients

**Authentic Scientific Inquiry *Advanced***

**Biorganic End of Year Lab Report**  
Executed a three step synthesis for linoleol over the course of four months.

**Applied Modeling *Advanced***

**Quadric Surfaces Proofs**  
Created five ways to derive equations for rotated

Reference: <https://mastery.org/what-we-do/mastery-transcript/>



# Credit Profile

Distribution of credits earned by student.



Filter by  Advanced  Foundational



## Credit Distribution

— Foundational Credit (FC) — Advanced Credit (AC)  
- - - - In progress FC - - - - In progress AC



### Transferable Skills

0 12

- Self-direction
- Generate solutions
- Evaluate information
- Synthesize information
- Apply knowledge
- Making a difference
- Respecting diversity
- Practicing responsible digital citizenship
- Use technology effectively
- Taking responsibility
- Collaboration
- Identify and define problems



### The Arts

0 4

- Performing
- Connecting
- Creating
- Responding

### Health & Physical Education

1 3

- Physical health
- Social emotional health
- Sexual health
- Leadership Advanced

### Science & Mathematics

1 6

- Statistical reasoning
- Algebraic reasoning

### Disciplinary Literacy

1 6

- Central Ideas
- Language Analysis

## Global Citizenship

8 3

International Relations **Advanced**

STEM **Advanced**

Geography

Research **Advanced** **Advanced**

Geography **Advanced** **Advanced**

Research

Civics

Leadership **Advanced**

Creativity **Advanced**

Entrepreneurship **Advanced**

Civics **Advanced** **Advanced**

## Communication

0 4

Consider the audience and purpose when communicating

Ask questions and provide feedback

Participate effectively in discussions

Listen to build understanding

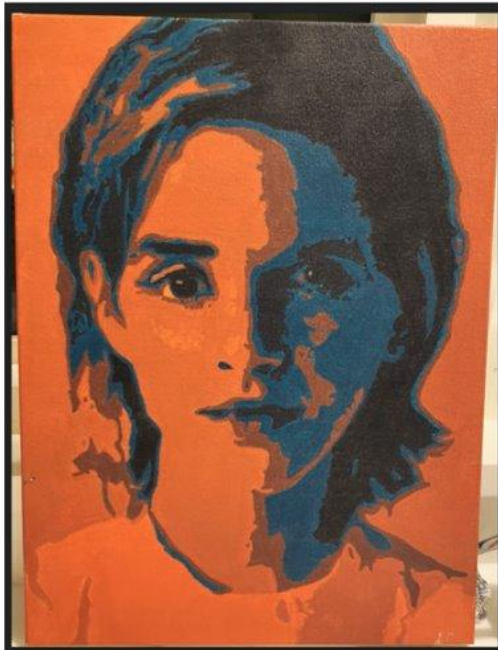
Kavita Singh  
Nueva Class of 2019

DESK AREA  
Experimentation and Skill  
Expression

CHIEF  
Visual and Aesthetic  
Creation

### High Contrast Portrait Painting

Utilized Adobe Photoshop to design a high-contrast portrait of Emma Watson and then sketched and painted said portrait on canvas using acrylics.



Kavita Singh  
Nueva Class of 2019

ROLE  
Need-finding, research  
and programming

CREATOR

CREDIT AREA  
Problem-Solving and  
Critical Analysis

CREDIT  
Technical Design

### Medical Bioengineering

Constructing Medical Wearables to Detect Depression in MI Patients

- Created two functional prototypes
- Soldered sensors to micro-controllers and coded functionality
- Identified pathophysiology of clinical needs and created dynamic need statements
- Developed comprehensive business plan for product distribution
- Collaborated closely with three other team members



# PBL Mastery Tracker

Student Name: **Firstname Lastname**

School Term: **T3 2020-21**

PBL Coache/s: **Sarah Sohail**  
**Mena Basily**

Topics: **Ready for Anything: How can we keep our communities safe in the face of natural hazards?**

Literacy Skills	Descriptions	Not Yet	Experienced	Competent	Mastered
		N	E	C	M
1.1 Informational Literacy	1.1.1 Able to find, understand, evaluate, and use information in various forms for learning and development.				
1.2 Media Literacy	1.2.1 Able to access, analyze, evaluate and create media resources in a variety of forms.				
1.3 Civic Literacy	1.3.1 Able to understand the problems and issues of the local community or society and engage in developing solutions.				
1.4 Research Skills	1.4.1 Able to conduct a short research, gathering pertinent information from a range of reliable and appropriate sources.				
1.5 Data Analysis	1.5.1 Able to accurately analyzes and interprets data gathered in a meaningful way.				
1.6 Synthesis of Information	1.6.1 Able to interpret and evaluate information from multiple sources to develop a comprehensive synthesis or analysis of key elements .				
1.7 Problem Identification	1.7.1 Able to identify, analyze and frame the problem challenge in a simple and realistic way.				
1.8 Assessing and filtering insights	1.8.1 Able select and prioritize opportunities while reducing bias and promoting consensus.				
1.9 Evaluate competing design solutions	1.9.1 Able to evaluate the effectiveness and weaknesses of various design solutions.				
1.10 Design Solution	1.10.1 Able to understand the challenge and offer viable and sustainable solution.				
1.11 Writing Composition	1.11.1 Able to articulate and compose written documents with correct grammar, spelling, and formatting.				
1.12 Self Direction	1.12.1 Able to articulate and set personal learning goals, identify steps, and take actions to achieve them.				

Soft Skills	Descriptions	N	E	C	M
		2.1 Project Management	2.1.1 Able to effectively manage tasks and solve arising problems between members.		
2.2 Time Management	2.2.1 Able to organize and prioritize tasks within a given time frame.				
2.3 Critical Thinking	2.3.1 Able to use reasoning and criteria to conceptualize, evaluate or synthesize ideas.				
2.4 Leadership	2.4.1 Able to lead and understand the value of working as part of a team and empowering others.				
2.5 Collaboration	2.5.1 Able to share responsibilities and support others in the team.				
2.6 Digital Citizenship	2.6.1 Able to maintain a positive reputation, showing courtesy and acceptable behavior in the digital world.				
2.7 Social and Emotional	2.7.1 Able to understand others and self that enables a person to connect with a wide range of diverse individuals.				
2.8 Problem Solving	2.8.1 Able to analyze situations and create plans of action to implement solutions.				
2.9 Public Speaking	2.9.1 Able to speak before an authentic audience in an engaging and convincing way.				
2.10 Communication	2.10.1 Able to demonstrate respect, empathy and responsibility when communicating with others.				
	2.10.2 Able to understand people's point of view and effectively communicate.				



Hard Skills	Descriptions	N	E	C	M
3.1 Prototyping	3.1.1 Able to analyze and identify the design challenge and develop sustainable solution and in greater detail while applying engineering skills.				
3.2 Design Reiteration	3.2.1 Able to use different feedbacks to revise and improve the design solution.				
3.3 Digital Designing	3.3.1 Able to creatively design materials using digital interface and softwares either online and offline.				
3.4 General Technology Skills	3.4.1 Able to understand the fundamental concepts of technology operations, demonstrate the ability to choose, use current technologies.				
3.5 Web Design	3.5.1 Able to create websites with different features including web page layout, and content production.				
3.6 Creativity & Innovation	3.6.1 Able to explore or play with ideas, materials or processes to create something new.				
3.7 Game Development	3.7.1 Able to design and program a game as a solution to the problem you are trying to address.				
3.6 Photography	3.6.1 Able to understand the basics of how to set appropriate exposure and how simple adjustments create beautiful photo effects.				
	3.5.2 Able to chose motives mindfully and according to specifications given				
	3.5.3 Able to explain most parts of the modern DSLR cmeras and the underlying phtographic principles involved.				
<b>Comment:</b>	XYZ Student has strong management skills is good at planning and researching his team's topic and is a good problem solver who always displays excellent analytical skills. When his team members are not engaged with the work, he is very persistent and tries to find ways to motivate them to work to meet the deadline of each milestone. The only thing that he needs to improve is that sometimes he is not too open to other ideas and tries to push his team members to follow his instead.				

Mr. Alfred Baybay II, B.Ed, MBA, CPC  
**Director of Education**

**April 18, 2021**  
 Date Issued