*A*llegany –*L*imestone *C*entral *S*chool

3131 Five Mile Road   Allegany, New York   14706   www.ALCSny.org

APP Rationale Form
For the educational purchase of ipod/ipad apps…
(Please complete and submit this form to the technology office, through Heather Hunt.)

Teacher Name: Barb Smith	Building: ALES
Grade Level and Content Area: STEAM PreK-5	
Name and Cost of App: Marty The Robot V2 Free	
URL of App, if available: https://apps.apple.com/us/app/marty-the-robot-v2/id1501371495	
Brief description of the App: I ordered Marty The Robot V2 and in order to make it work, it needs an app so the students can code.	
Plans for classroom use of the App: The students will learn coding through the use of the robot.	
Connection to NYSED P-12 Common Core Learning Standards &/or NYS Teaching Standards: (see http://www.highered.nysed.gov/tcert/resteachers/teachingstandards.html or http://engageny.org/teachers/) Computational Thinking 4-6.CT.1 Develop a computational model of a system that shows changes in output when there are changes in inputs. 4-6.CT.6 Compare two or more algorithms and discuss the advantages and disadvantages of each for a specific task. 4-6.CT.7 Identify pieces of information that might change as a program or process runs. 4-6.CT.8 Develop algorithms or programs that use repetition and conditionals for creative expression or to solve a problem. 4-6.CT.9 Explain each step of an algorithm or program that includes repetition and conditionals for the purposes of debugging. 4-6.CT.10 Describe the steps taken and choices made to design and develop a solution using an iterative design process.	

District Office	*Middle/High School*	*Allegany-Limestone Elementary*	*Special Education*	*Bus Garage*
716-375-6600	*716-375-6600 Ext. 2110/2100*	*716-375-6600 Ext. 8172*	*716-375-6600 Ext. 8164*	*716-375-6612*
Fax: 375-6629	*Fax: 375-6630*	*Fax: 375-6628*	*Fax: 375-6601*	*Fax: 375-6627*

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Evidence that this App has worthwhile classroom value:
(include specific students groups who would use it, other contents areas where it could be used, access to a demo or tutorial on the App, etc)
 I am planning on starting with Grades 2-5. If they do well, I may introduce it to Grade K-1.