## Student Checklist (1A) This form is required for ALL projects.

1.	a. Student/Team L Email: abdul b. Team Member:	lahbnauman@gmail.com	Margade:  Phone:  c. Team Mem	12th (631) 590-0900	
2.	. Title of Project:  Mitigating Communication Bottlenecks in MPI-Based Distributed Learning				
3.	School: Ward Melville High School School Address: 380 Old Town Road, East Setauket, NY 117				
4. 5.	Addit Sponsor.	Dr. Marnie Kula		31) 730-4929 / mkula@3villagecsd.org	
6.	<ul> <li>Is this a continuation/progression from a previous year? □ Yes □ No If Yes:</li> <li>a. Attach the previous year's □ Abstract and □ Research Plan/Project Summary</li> <li>b. Explain how this project is new and different from previous years on</li> <li>□ □ Continuation/Research Progression Form (7)</li> </ul>				
7.	This year's laboratory experiment/data collection:				
	01/07/19 Actual Start Date: (mm/dd/yy)		11/06/19 End Date: (mm/dd	11/06/19 End Date: (mm/dd/yy)	
8.	8. Where will you conduct your experimentation? (check all that apply)  ☐ Research Institution ☐ School ☐ Field ☐ Home ☐ Other:				
Na Ad	dress: Brookhave    Bldg. 725	ess of all non-home and non-school en National Laboratory – P.O. Box 5000 Y 11973-5000 1-6091 / amalik@bnl.gov	work site(s):		

10. Complete a Research Plan/Project Summary following the Research Plan/Project Summary instructions

11. An abstract is required for all projects after experimentation.

and attach to this form.