

Estimate for the North Slope Borough School District's VIVA Enhancements (2022 School Year).

Item	Hours	Cost (\$125/hour)
Phase I <ol style="list-style-type: none"> 1. Ability to add audio and images for new units 2. Reporting Enhancements 3. Loading from Cache 4. Add/Remove Teachers functionality for admins 5. Creating alpha (test) server. Push changes to the alpha server first (before pushing them to production) 	250	\$31,250
Phase II <ol style="list-style-type: none"> 1. Renaming items and removing punctuation from answers 2. Fix font issues 3. Some reports removed from teachers, but still accessible to admins 4. Clear the teachers list and then use authentication to populate teachers list as teachers use VIVA's IVPP section. 5. Admin Enhancements 6. Reporting Enhancements 7. Game-like enhancements 8. If school district already has MS or Oracle RDBMS, migrate data from MySQL to MS or Oracle. 	250	\$31,250
Phase III <ol style="list-style-type: none"> 1. Change VIVA to not use Flash 2. Allow students, teachers, and admins to add pictures to be used in their profile (and student profiles) 3. Multiple unit IVPP testing 4. Create a new production server (in addition to the previously created alpha server and the NSBSD's production server), which isn't tied to the school district's accounts. Automate the migration of account information (including scores, profiles, etc.) from nsbsd.org to a new external server, so that students don't have to redo everything they've when they move or start college 5. New goals, tracking, and other reports 6. Self-creating accounts 	250	\$31,250
Phase IV <ol style="list-style-type: none"> 1. Art, look and feel, and usability improvements with illustrator / UI expert(s) 2. Rewrite/Enhance VIVA to support smart phones and tablets for both Android and iOS devices 	250	\$31,250
Total:	1000	\$125,000

Prepared on 6/7/2022 by,

Gregory Mortensen
Nannut Qaqisaurajat
(Polar Bear's Computers)
Springville, UT 84663

