

APPENDIX C

Correlations Among Teacher and Student “Use” Variables

Teacher use in classroom:

| | | Integrating technology-based software into the teaching and learning process | Expect students to turn in assignments produced with technology | Provide inquiry-based learning projects | Meet individual student needs with help of technology | Co-operative group learning processes | Project-based learning | Students use computers only in a lab. | Students use technology in at least some of their regular classrooms. | Students actively participate in distance learning with other schools. | The primary student-related use of technology is to teach students how to use the technology itself. | Students use technology to improve their basic skills with drill and practice programs. | Students are developing online research expertise. | Students are interacting/communicating differently and more widely with the help of technology in the classroom. | Students become more independent learners as a result of technology. | Students do more school-work when not in school. |
|--|-------|--|---|---|---|---------------------------------------|------------------------|---------------------------------------|---|--|--|---|--|--|--|--|
| Integrating technology-based software into the teaching and learning process | 3.000 | 1.000 | | | | | | | | | | | | | | |
| Expect students to turn in assignments produced with technology | 6.000 | 0.376 | 1.000 | | | | | | | | | | | | | |
| Provide inquiry-based learning projects | 2.000 | .490 | 0.534 | 1.000 | | | | | | | | | | | | |
| Meet individual student needs with help of technology | 1.000 | 0.492 | 0.381 | 0.566 | 1.000 | | | | | | | | | | | |
| Co-operative group learning processes | 5.000 | 0.353 | 0.275 | 0.440 | 0.487 | 1.000 | | | | | | | | | | |
| Project-based learning | 4.000 | 0.381 | 0.367 | 0.516 | 0.447 | 0.622 | 1.000 | | | | | | | | | |

Student uses:

| | | | | | | | | | | | | | | | | |
|--|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|-------|-------|-------|-------|-------|
| Students use computers only in a lab. | 8.000 | -0.055 | -0.001 | -0.021 | -0.048 | -0.067 | -0.031 | 1.000 | | | | | | | | |
| Students use technology in at least some of their regular classrooms. | 4.000 | 0.329 | 0.275 | 0.305 | 0.305 | 0.266 | 0.245 | -0.288 | 1.000 | | | | | | | |
| Students actively participate in distance learning with other schools. | 9.000 | 0.161 | 0.172 | 0.198 | 0.172 | 0.171 | 0.178 | -0.046 | 0.198 | 1.000 | | | | | | |
| The primary student-related use of technology is to teach students how to use the technology itself. | 7.000 | -0.075 | -0.053 | -0.047 | -0.017 | -0.027 | -0.051 | 0.210 | -0.088 | 0.015 | 1.000 | | | | | |
| Students use technology to improve their basic skills with drill and practice programs. | 6.000 | 0.152 | 0.002 | 0.056 | 0.153 | 0.105 | 0.024 | 0.103 | 0.091 | 0.018 | 0.178 | 1.000 | | | | |
| Students are developing online research expertise. | 3.000 | 0.348 | 0.401 | 0.445 | 0.323 | 0.258 | 0.321 | -0.032 | 0.290 | 0.246 | -0.058 | 0.033 | 1.000 | | | |
| Students are interacting/communicating differently and more widely with the help of technology in the classroom. | 2.000 | 0.438 | 0.382 | 0.457 | 0.405 | 0.312 | 0.348 | -0.085 | 0.386 | 0.203 | -0.058 | 0.099 | 0.580 | 1.000 | | |
| Students become more independent learners as a result of technology. | 1.000 | 0.438 | 0.303 | 0.417 | 0.383 | 0.274 | 0.327 | -0.058 | 0.288 | 0.152 | -0.036 | 0.090 | 0.382 | 0.571 | 1.000 | |
| Students do more school-work when not in school. | 5.000 | 0.120 | 0.171 | 0.235 | 0.233 | 0.184 | 0.176 | -0.025 | 0.073 | 0.092 | 0.002 | 0.003 | 0.142 | 0.191 | 0.258 | 1.000 |