**Appendix B. Correlation coefficients among key constructs**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Grade | School tier | Technology efficacy | Control Appraisal | Value Appraisal | Outcome goal | Ability goal | Negative effort belief | Positive effort belief |
| Grade | 1 |  |  |  |  |  |  |  |  |
| School tier | -.064\*\* | 1 |  |  |  |  |  |  |  |
| Technology efficacy | | .041\* | .214\*\* | 1 |  |  |  |  |  |  |
| Control Appraisal | -.071\*\* | .115\*\* | .633\*\* | 1 |  |  |  |  |  |
| Value Appraisal | -.060\*\* | .121\*\* | .681\*\* | .701\*\* | 1 |  |  |  |  |
| Outcome goal | -.046\* | .104\*\* | .480\*\* | .448\*\* | .573\*\* | 1 |  |  |  |
| Ability goal | -.068\*\* | .131\*\* | .494\*\* | .472\*\* | .562\*\* | .719\*\* | 1 |  |  |
| Negative effort belief | 0.085\*\* | -.108\*\* | -.371\*\* | -.380\*\* | -.398\*\* | -.281\*\* | -.309\*\* | 1 |  |
| Positive effort belief | -.155\*\* | .075\*\* | .476\*\* | .531\*\* | .573\*\* | .490\*\* | .544\*\* | -.468\*\* | 1 |

Note: \**p* < 0.05, \*\**p* < 0.01, \*\*\**p* < 0.001.