# SPA Competencies: NCTM

**Variable Key:**

**v1.** Knowledge of Mathematical Connections. (NCTM 4)
**v2.** Knowledge of Mathematical Representation. (NCTM 5)
**v3.** Knowledge of Technology. (NCTM 6)
**v4.** Knowledge of Mathematics Pedagogy. (NCTM 8)
**v5.** Dispositions. (NCTM 8)
**v6.** Field-Based Experiences. (NCTM 16.3)

**Value Key:**

**3.** Target (consistently demonstrates)
**2.** Acceptable (most of the time)
**1.** Unacceptable (rarely or never)

## Spring 2011

### Respondent Type - University Supervisor | Course - Student Teaching Interim

|  | 3 | | 2 | | 1 | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
|  | N | % | N | % | N | % | N | Mean | % |
| v1 | 0 | .0% | 1 | 100.0% | 0 | .0% | 1 | 2.0 | 100.0% |
| v2 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |
| v3 | 0 | .0% | 1 | 100.0% | 0 | .0% | 1 | 2.0 | 100.0% |
| v4 | 0 | .0% | 1 | 100.0% | 0 | .0% | 1 | 2.0 | 100.0% |
| v5 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |
| v6 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |

### Respondent Type - University Supervisor | Course - Student Teaching Final

|  | 3 | | 2 | | 1 | | Total | | |
|---|---|---|---|---|---|---|---|---|---|
|  | N | % | N | % | N | % | N | Mean | % |
| v1 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |
| v2 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |
| v3 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |
| v4 | 0 | .0% | 1 | 100.0% | 0 | .0% | 1 | 2.0 | 100.0% |
| v5 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |
| v6 | 1 | 100.0% | 0 | .0% | 0 | .0% | 1 | 3.0 | 100.0% |