

## Appendix B – Coding of Research Papers Reviewed

<b>Variable</b>	<b>Description</b>	<b>Scoring Criteria</b>
METHODOLOGY		
Sample Size	Number of preservice teachers	0 – None or not reported Otherwise report actual number of subjects
Teaching Level	Teaching level for preservice teachers	1 – Elementary 2 – Middle School 3 – Secondary 3 – Undergraduate 4 – Professionals / Faculty
Reliability	Were reliability estimate given for measure used?	0 – No 1 – Yes
Validity	Were validity estimates given for measure used?)	0 – No 1 – Yes
Subject Taught	What subject areas was used with ARS?	Open ended response
Type of Study	What type of study was conducted?	0- Theory 1 - Case 2 - Qual Descriptions / Interviews 3 - Survey 4 - Performance 5 - Review
Individual Differences	Were individual differences in the use of ARS discussed?	0 – No 1 – Yes
Attitudes	What was the impact of OCCS on attitudes?	-1 - Negative 0 - No impact 1 - Positive 9 - Not looked at
Learning	What was the impact of OCCS on learning?	-1 - Negative 0 - No impact 1 - Positive 9 - Not looked at