**Sun West Research Skill Continuum**

 **I (Introduce)/I Do –** Teacher will model this skill.

**R (Reinforce)/We Do –** Teacher may model this skill. Students are given opportunities to apply and grow in this skill.

**M (Mastery)/You Do –** All students have mastered this skill and can use it independently.

**O (Optional)**

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |   |  |  |  |  |  |  |  |
| **Stage 1 Presearch**  | **K** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| Develop a Big Idea | **I** | **I/R** | **R** | **R/M** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Ask questions from I cans or outcomes to guide research | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
|  Brainstorm Resources (Digital, Non-digital, People, Community) | **I** | **R** | **R** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Key Words and synonyms  | **O** | **O** | **I** | **I** | **R** | **R** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Overview/Background of topic (ex: KWL)  | **I** | **I** | **R** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Content Organizer options (ex: graphic organizer)  | **O** | **I** | **I/R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Preliminary outline template for end goal  | **O** | **I** | **I/R** | **R** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Primary/Secondary sources | **O** | **I** | **I** | **I/R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Know which questions have instant answers vs. research answers | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| **Stage 2 Search for Information**  | **K** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** |
| Locate Resources (Digital, Non-digital, People, Community) | **I** | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use table of contents | **O** | **I** | **I/R** | **R** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use index | **O** | **I** | **I/R** | **R** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use search engines (Google Scholar..) | **O** | **I** | **I/R** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Refining search | **O** | **O** | **I** | **I/R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Evaluating sources for reliability (accurate, objective, current, credible, referenced) | **O** | **O** | **O** | **I** | **I/R** | **R/M** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Variety (Types) of resources  | **I** | **I** | **I** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Quantity (Number) of resources  | **O** | **I** | **I/R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Record information  | **O** | **I** | **I** | **R** | **R** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| **Stage 3 Select Information**  | **K**  | **1** | **2** | **3** | **4** | **5** | **6** | **7**  | **8**  | **9**  | **10** | **11**  | **12** |
| Keep track of sources (informally) | **O** | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Keep track of sources (formally) | **O** | **O** | **I** | **I** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
|  Organizing recorded notes  | **O** | **I** | **I** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Paraphrasing (avoid plagiarism)  | **O** | **O** | **I** | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Quoting (avoid plagiarism) | **O** | **O** | **I** | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Summarizing (avoid plagiarism)  | **O** | **O** | **I** | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Knowing when you have enough information (align with your preliminary outline template) | **O** | **I** | **I** | **R** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Evaluating conflicting information  | **O** | **O** | **O** | **I** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| **Stage 4 Create Product** | **K**  | **1** | **2** | **3** | **4** | **5** | **6** | **7**  | **8**  | **9**  | **10** | **11**  | **12** |
| Use research for Oral product | **I** | **I** | **I** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use research for Written product | **O** | **I** | **I** | **R** | **R/M** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use research for Technological product | **O** | **I** | **R** | **R/M** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use research for Visual product | **I** | **I** | **R** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use research for Dramatic product | **O** | **I** | **R** | **R** | **R/M** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use research for Musical product | **I** | **I** | **I** | **R** | **R/M** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |
| Use research for Artistic product | **I** | **I** | **R** | **R/M** | **R/M** | **R/M** | **M** | **M** | **M** | **M** | **M** | **M** | **M** |