

## *Illustration of alignment between intended purposes and various web-based technologies*

| <b>Web-based technology</b>               | <b>Collaborative spaces &amp; synchronous conferencing</b> | <b>Course Management Systems (CMS)</b> | <b>Database management systems</b> | <b>Online journals &amp; discussions platforms</b> | <b>Online video sharing</b> | <b>Podcasts and screencasts</b> | <b>Social networks</b> | <b>Virtual worlds</b> | <b>Wikis</b> |
|---|--|--|------------------------------------|--|-----------------------------|---------------------------------|------------------------|-----------------------|--------------|
| <b>Purpose</b>                            |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Group brainstorming and planning</b>   |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Exposure outside a geographic area</b> |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Feedback/clarification</b>             |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Collaborative construction</b>         |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Demonstration</b>                      |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Formative assessment</b>               |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Guided practice/ coaching</b>          |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Interaction with experts</b>           |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Observation</b>                        |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Multiple means of representation</b>   |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Networking</b>                         |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Self-reflection</b>                    |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Sharing or organizing text</b>         |  |  |                                    |  |                             |                                 |                        |                       |              |
| <b>Other: _____</b>                       |  |  |                                    |  |                             |                                 |                        |                       |              |

*Adapted with permission from Prettt-Frontczak, Jung, & Pfeiffer-Fiala (2010)*