## **Technology-Enabled Activity Planning Document**

This document may help you plan your creation, as well as encouraging you to estimate how much time you will need to invest.

|  |  |
| --- | --- |
| Title: | Automated Chromosome Analysis Grading Using BookWidgets |
| Tool using: | BookWidgets quiz – label image |
| Idea: | Create images of metaphases with label boxes. Students can type their answers into the boxes which will be automatically graded |
| Curriculum integration: | Potential integration into K-package feedback, weekly cell checks, K-tests, unknowns, online image analysis, other practice |

Now**,** identify what tasks are involved in your creation and estimate how much time it will take to complete them. It’s not a commitment to a particular approach, rather a guide for you to anticipate what will be required.

Enter an ‘X’ in any column next to a task your creation will entail, and then predict how long it will take you to do (in hours).

|  |  |  |
| --- | --- | --- |
| **[ X ]** | **Task** | **Est. time (in hrs)** |
| X  | Generate ideas |  4 |
| X  | Conduct research |  4 |
|   | [Storyboard](https://en.wikipedia.org/wiki/Storyboard) |   |
|   | Write script |   |
| X  | Find graphics (don’t forget to attribute!) | 5 min per cell |
| X  | Create graphics |  30 min per cell |
|   | Record & edit audio |   |
|   | Record & edit video |   |
|   | Write copy (text) |   |
|   | Design website (or style web authoring tool, like Scalar or Prezi) |   |
|   | Write code |   |
| X  | Identify and remedy any accessibility barriers (e.g. captioning) |  2h |
| X  | Review for errors |  5 min per cell |
| X  | Other: Learn software deeply |  4h |
|  X | Other: Prototype various settings |  2h |
|   | Other: |   |
|   | Other: |   |