## **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: |  |