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| **ORGAN MODEL****RUBRIC**HS-LS1-2 2XDevelop and use a model to illustrate the hierarchical organization of interacting systems that provide specific functions within multicellular organisms. | **4****3 of 4 levels are clearly displayed and identified.**  | **3****3 levels are displayed and labeled.**  | **2****2 levels are displayed.**  | **1** **One level is displayed.** |
| **Name and Organ Identified** | ***Student name and the name of the organ*** are clearly displayed on project. The names are easy to find but do not distract from the organ model. | Student names and the name of the organ are clearly displayed on the project. The names are easy to find but distract from model. | Project is missing either names of students or name of the organ. | Project missing both components |
| **3D Representation****X2** | All components of the model are demonstrated in 3D. | One component of the model is demonstrated in 2D. |  2 or more components of the model are demonstrated in 2D. | Entire model demonstrated in 2D. |
| **Construction Materials- Creativity** | Materials are clearly differentiated. Different tissues/structures are different colors, different textures, or made out of different materials. Borders are clear and obvious. Differentiation makes the model more effective as a teaching tool. | Effort was obviously made but the differentiation was not effective at improving the model as a teaching tool.  | Some differentiation is visible but not obvious.  | Entire organ model made from one material and the tissues/cells are not differentiated at all. |
| **Construction Materials- Effective Use****X2** | Appropriate and unique materials were selected to contribute to the overall purpose/function of the model. Each material used improves the overall illustration of the model(s). | Appropriate materials were selected. Materials contribute to the overall purpose/function of the model and illustrate relevant parts of the organ. | Appropriate materials were selected.  | Materials chosen poorly illustrate its function or parts. |
| **Model Accuracy (x3)** | Correctly identifies relevant structures. Depicts the correct shape, location, and scale of structures that make up the organ. Includes a unique features that more effectively demonstrate the overall function of the organ. | Correctly identifies relevant structures, depicts the correct shape, location, and scale of structures that make up the organ.  | Model correctly reflects relevant structures but includes 1-2 mistakes or omissions of relevant structures. | Model illustrates relevant structures but includes 3 or more mistakes or omissions. |
| **Total (44)** |  |  |  |  |