**Figure 6: The Monitoring Tool**

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| **Group** | **Correctly Represented** | **Missing Some Aspects of**  **Explanation** | **Order/Notes** |
| 1 | \_\_ Mid-ocean ridge w/ magma  erupting/new crust  \_\_ Increasing age of crust with  distance  \_\_ Tectonic plate movement  \_\_ Convection in  asthenosphere  \_\_ Labels/explanations | \_\_ Missing/incorrect mid-ocean  ridge  \_\_ Missing/incorrect age of crust  \_\_ Missing/incorrect tectonic  plate movement  \_\_ Missing/incorrect convection  currents |  |
| 2 | \_\_ Mid-ocean ridge w/ magma  erupting/new crust  \_\_ Increasing age of crust with  distance  \_\_ Tectonic plate movement  \_\_ Convection in  asthenosphere  \_\_ Labels/explanations | \_\_ Missing/incorrect mid-ocean  ridge  \_\_ Missing/incorrect age of crust  \_\_ Missing/incorrect tectonic  plate movement  \_\_ Missing/incorrect convection  currents |  |
| 3 | \_\_ Mid-ocean ridge w/ magma  erupting/new crust  \_\_ Increasing age of crust with  distance  \_\_ Tectonic plate movement  \_\_ Convection in  asthenosphere  \_\_ Labels/explanations | \_\_ Missing/incorrect mid-ocean  ridge  \_\_ Missing/incorrect age of crust  \_\_ Missing/incorrect tectonic  plate movement  \_\_ Missing/incorrect convection  currents |  |
| 4 | \_\_ Mid-ocean ridge w/ magma  erupting/new crust  \_\_ Increasing age of crust with  distance  \_\_ Tectonic plate movement  \_\_ Convection in  asthenosphere  \_\_ Labels/explanations | \_\_ Missing/incorrect mid-ocean  ridge  \_\_ Missing/incorrect age of crust  \_\_ Missing/incorrect tectonic  plate movement  \_\_ Missing/incorrect convection  currents |  |
| 5 | \_\_ Mid-ocean ridge w/ magma  erupting/new crust  \_\_ Increasing age of crust with  distance  \_\_ Tectonic plate movement  \_\_ Convection in  asthenosphere  \_\_ Labels/explanations | \_\_ Missing/incorrect mid-ocean  ridge  \_\_ Missing/incorrect age of crust  \_\_ Missing/incorrect tectonic  plate movement  \_\_ Missing/incorrect convection  currents |  |
| 6 | \_\_ Mid-ocean ridge w/ magma  erupting/new crust  \_\_ Increasing age of crust with  distance  \_\_ Tectonic plate movement  \_\_ Convection in  asthenosphere  \_\_ Labels/explanations | \_\_ Missing/incorrect mid-ocean  ridge  \_\_ Missing/incorrect age of crust  \_\_ Missing/incorrect tectonic  plate movement  \_\_ Missing/incorrect convection  currents |  |
| 7 | \_\_ Mid-ocean ridge w/ magma  erupting/new crust  \_\_ Increasing age of crust with  distance  \_\_ Tectonic plate movement  \_\_ Convection in  asthenosphere  \_\_ Labels/explanations | \_\_ Missing/incorrect mid-ocean  ridge  \_\_ Missing/incorrect age of crust  \_\_ Missing/incorrect tectonic  plate movement  \_\_ Missing/incorrect convection  currents |  |