**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 |  |