Use the Word Bank Solve the clues below using the word bank.

**Across:**
1. The rock type formed by intense heat and pressure from below the Earth’s surface.
6. A red-hot liquid that flows above the Earth’s surface.
7. The rock type formed when soil and sediments harden over time.
9. The process that sweeps away weathered rock particles by water, wind, ice, and gravity.
10. This is a metamorphic rock that can be used to make chalk boards.

**Down:**
1. A red-hot liquid below the Earth’s surface.
2. A type of igneous rock that is volcanic glass and forms when lava cools quickly.
3. A type of sedimentary rock that forms from sand-size particles.
4. The process of breaking down rocks through wind, water, animals, chemicals, and plants.
8. The planet on which we live.
9. The rock type produced when lava or magma from volcanic activity cools and hardens.

**Word Bank**

<table>
<thead>
<tr>
<th>Metamorphic</th>
<th>Lava</th>
<th>Igneous</th>
<th>Erosion</th>
<th>Obsidian</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedimentary</td>
<td>Magma</td>
<td>Sandstone</td>
<td>Weathering</td>
<td>Slate</td>
</tr>
<tr>
<td></td>
<td></td>
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<td>Earth</td>
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</tbody>
</table>