Plans for Freestanding Kicknet Support

Materials

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Part</th>
<th>Length</th>
<th>Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Steel core, plastic-coated garden stakes</td>
<td>4ft</td>
<td>3/8&quot;</td>
</tr>
<tr>
<td>1</td>
<td>Clear vinyl tubing soft</td>
<td>6&quot;</td>
<td>7/16&quot; outside, 5/16&quot; inside</td>
</tr>
<tr>
<td>1</td>
<td>Long stretch bungee cord with hooked ends or rope</td>
<td>10&quot;</td>
<td></td>
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</tbody>
</table>

Procedure

- Place a 3-inch piece of vinyl tubing onto the end of the garden stakes.
- Wrap the stretch cord around both pieces of vinyl tubing and interlock the hooks to create a flexible joint.

![Diagram of vinyl tubing and garden stake](image1.png)

![Diagram of stretch cord](image2.png)

Practical Use

- Guide the looped edges on opposite sides of the kicknet onto tow supports.
- Lower the kicknet into the stream and step on the bottom edge to hold it in place in the flowing water.
- Place large rocks on the submerged edge of the kicknet to hold it firmly on the stream bottom.
- Position downstream supports to make a stable structure.
- When removing the kicknet from the stream, grab the bottom edge as you remove the rocks to prevent the loss of the sample.

![Diagram of kicknet with rocks and direction of flow](image3.png)