



How to use the Velocity Plank



At 3 points across the river, measure depth and change in height

STEP 1: HOW TO MEASURE DEPTH

- Measure the depth at 3 points in the width of the stream.
- Place the velocity plank in the flow of the river so that the narrow side is facing the moving water. The water should easily wash around it.
- Record the depth of measurement.
- Do not stand in front of the Velocity Plank, as this will alter the stream flow which will influence the readings you take.

STEP 2: HOW TO MEASURE CHANGE IN HEIGHT

- Place the velocity plank perpendicular (at 90 degrees) to the stream flow.
- Observe the maximum and minimum height reached by the water on the V.Plank for 20 seconds.
- **(Max height of water - lower point)= difference in height.**
- Do this process for the same 3 points in the width of the stream.

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