

# Mini river current



Lifesaving  
education programs

Extension for be aware, be prepared

**Learn how currents work by building your own mini river system.  
Watch how water flow changes with bends, obstructions and slopes!**

## Resources/links

If you have no sand/ soft dirt, you can create your channels with recycled materials, see [Water-Maze-Run.pdf](#) for ideas.



- 1 Assign participants to groups of 3 -4 students and ask groups to build a hill in the sand.
- 2 Participants should then dig a channel down one side and place small stick, leaves and rocks in the channel to resemble a river.
- 3 Groups will then collect buckets of water and pour them gently over the hill and watch what happens.
- 4 As a group, discuss: Which water flowed the fastest? Which water flowed the slowest? What happened to the objects in the channel? Did the water pool into a lake at the bottom or keep flowing?
- 5 Be sure to reuse/dispose of the items correctly when you're finished.

