

You will need:

- At least three mushroom crates, all ideally with the same square mesh design
- A craft knife

Instructions:

In this example, as a suggestion, squares of 2, 3 and 4cm sides have been cut, but these can be altered to suit your local conditions. More crates can also be added if there is a wider range of sediment sizes to consider.

1. Take one of the mushroom crates and cut a hole in the base by slicing through the mesh with the craft knife. It needs to be large enough that only a piece of sediment of 2cm diameter or smaller would pass through it.

2. Repeat this on the same crate, creating at least eight holes.

3. On the second mushroom crate, cut a larger hole that would allow sediment of 3cm diameter or smaller to pass through. Again, create at least eight holes of this size in the base of the crate.

4. On the third mushroom crate, cut the largest holes. These should allow sediment of 4cm diameter or smaller to pass through.

5. Stack the crates on top of each other with the largest holes at the top and the smallest at the bottom. You can now load your sediment sorter. Shaking the whole unit or gently tapping the sides will cause the sediment to become sorted by size.

