

TEAM BUILDING, WITH BITE

Bamboo Ice Branch

This device was designed to increase resting options and visibility of the red pandas at Wildlife Reserves Singapore.

This idea was inspired by a design ‘Ice Branch’ from the Hose2Habitat enrichment competition.

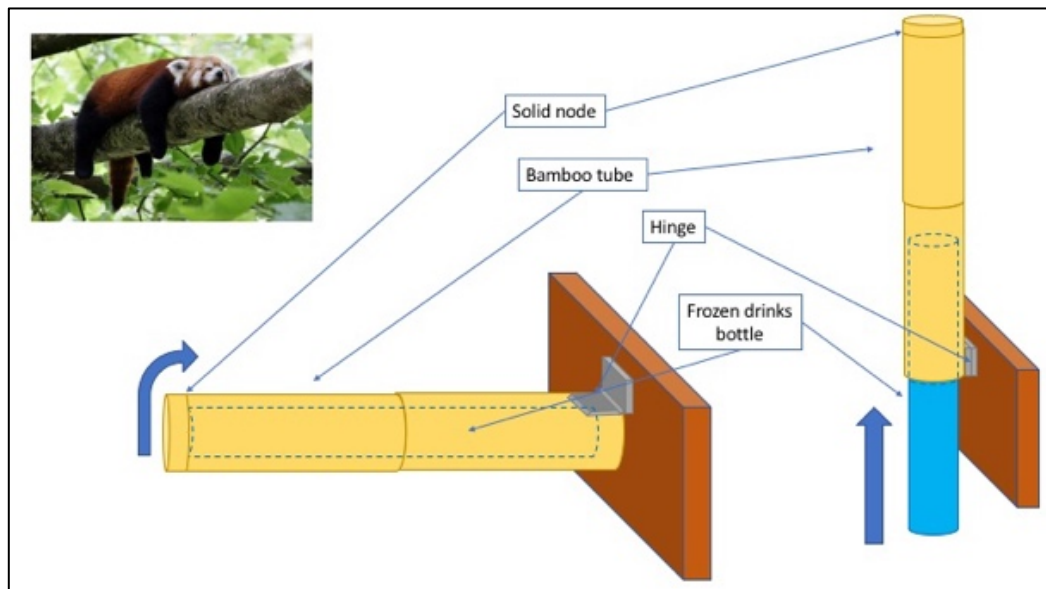
This enrichment device has been successfully implemented with: Red pandas, tamarins

Items needed:

- ~100/120mm diameter bamboo
- 25mm x 150mm rough sawn kickboard
- ~72mm heavy duty hinge
- x2 4 x 20mm screws
- x2 25mm bolts
- x4 washers
- x2 locknuts
- 2L drink bottle that fits into bamboo tube
- Hammer and chisel
- Handsaw
- Measuring tape
- Drill with drill bits
- Sandpaper
- Pencil

Safety concerns:

- Ensure no sharp metalwork and all edges are thoroughly sanded.
- **This device should be implemented as part of a goal-focused enrichment program. Individual animal characteristics should be fully considered before trialing.**



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Directions:

1. Cut a piece of bamboo to desired length ensuring a solid node on one end.
2. Break any nodes in the middle of the bamboo section to allow the bottle to slide in and out. To do so, you can use a drill with metal rod/augur bit or a hammer and chisel.
3. Line up one side of the hinge to the open end of the bamboo and drill two pilot holes to fit the 25mm bolts. Secure the hinge to the bamboo using the bolts with washers on either side of the bamboo and a locknut.
4. Position the bamboo piece in the center of the kickboard and attach the other side of the hinge to the kickboard using the 20mm screws.
5. The kickboard can be secured in place within the enclosure either permanently, with heavy duty screws, or temporarily using bolts.
6. Freeze water inside the 2L water bottle and slide into the tube.

Video links of the device in action:

We'd love to see your animals in action! Send pictures or videos of your animals using this device to Mark@teambuildingwithbite.co.uk