

Table S3: Trial-by-trial description of Experiment 3 (see full legend in ‘Legends for Supplementary Materials’)

Trial	Success?	Trial duration (mm:ss)	Tool dimensions	Description
1	y	00:35	90 × 5.0	Had difficulty initially picking up the tool. After 8s, picked up the tool by opening her beak wide and squeezing together the ends, making a straight tool. Probed 3 times (for 21s) with the modified tool, just managing to reach and retrieve the food.
2	n	03:56	90 × 5.0	Probed 11 times (for 1min 26s) with the unmodified tool, turning it around 4 times, but never made any obvious attempt to modify it. Did not retrieve bucket, and after 3min 56s left the testing room with the tool.
3	y	06:20	90 × 5.0	Probed 5 times (for 16s) with the unmodified tool (did not turn it around). After 4min 14s (she had spent a lot of time not interacting with the apparatus), she returned, probed once (for 2s), and then, while holding the end of the tool in the tube, lifted her head and beak, thereby bending the proximal end of the tool backwards (~40°) using the lip of the tube as a fulcrum. Immediately carried on probing with the partially-unbent tool, eventually retrieving the food after 6 more probing bouts (lasting 1min 28s in total; 4 were with the unmodified end, and 2 with the modified end).
4	y	03:31	90 × 5.0	Probed 8 times (for 43s) with the unmodified tool (did not turn it around). Spent several minutes not interacting with the apparatus, and after 3min 23s unbent the tool slightly using a very similar action to that in trial 3 (resulting in a backwards bend of ~25°), using the lip of the tube as a fulcrum. Immediately carried on probing with the unmodified end of the partially-unbent tool, retrieving the food after 2 more probing bouts (lasting 6s in total, both with the unmodified end).