**Figure legends**

Figure 1. Schematic of a Backwards Blocking experimental trial. The upper-right portion of the figure shows the backwards blocking event as it unfolded across time. The lower-left portion of the figure shows the three objects and the text, “Is this one a blicket?” above each object across time.

Figure 2. Participants’ responses expressed as percentages to whether each object was a blicket across the conditions and trial types. Bars show standard error.

Figure 3. The participants’ responses expressed as percentages to whether each object was a blicket across the conditions and trial types. Bars show standard error.

Figure 4. The eight different causal hypotheses indicating the possible causal relations for a causal event that involves three objects and one blicket detector. *A*, *B*, and *C* correspond to the three objects that were used on the machine and *E* indicates the activation of the machine.

Figure 5. The connectionist model used to simulate Experiment 1.

Figure 1.

Diagram

Description automatically generated

Figure 2.

A graph of a number of bars

Description automatically generated with medium confidence

Figure 3.

A graph of a number of black and white bars

Description automatically generated

Figure 4.

**Timeline

Description automatically generated with medium confidence**

Figure 5.

A diagram of a machine

Description automatically generated