*Assessment of Learning Checklist*

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| **Interview each child during an investigation and record their responses for each element below (circle appropriate response).** | |
| Did the child predict which ramp would allow the object to travel the farthest? | Yes, independently  Yes, with teacher support  No |
| If yes, did the child provide a justification for that prediction? | Yes, independently  Yes, with teacher prompting  No |
| Was the child’s prediction accurate? | Yes  No |
| Did the child’s justification of that prediction demonstrate their knowledge related to the variable of interest (e.g., incline’s slope, object features)? | Yes, Fully  Yes, Partially  No  No verbal response |
| Did the child demonstrate an understanding of how to conduct an experiment? | Yes, Fully  Yes, Partially  No  No response |
| Did the child correctly identify the results of the experiment (i.e., which object traveled farther)? | Yes, Fully  Yes, Partially  No  No response |
| Did the child compare the results of the experiment to their initial prediction? | Yes, Fully  Yes, Partially  No  No response |
| Did the child draw a correct conclusion from the experiment? | Yes, Fully  Yes, Partially  No  No response |
| Did the child use relevant vocabulary correctly? | Yes, Fully  Yes, Partially  No  No verbal response |