## Sphero slalom lesson

### Rubric

**Assessment**

| Criteria | Beginning | Achieved | Exceeded |
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| Knowledge and understanding of the factors involved in slaloms | Briefly able to discuss elements required in a slalom. | Gathered a variety of information about slaloms and able to discuss at length. | Gathered extensive information about slaloms. Included detailed descriptions of elements involved in a successful slalom. |
| Relationship of time, distance and speed | Some understanding of connection and pattern. | Sound understanding of the relationship of time, speed and distance. | Thorough understanding of the relationship of time, speed and distance. |
| Technology and equipment for activities | Able to operate technology and equipment with assistance. | Confidently operated technology and equipment to obtain data. | Competently and accurately operated technology and equipment to obtain data. |
| Implement digital solutions as simple visual programs | Had difficulty in programming Sphero. | Confidently and capably programmed Sphero | Competently and expertly transmitted data by programming Sphero. |
| Collection of data | Required assistance to design and create tables for data. | Created tables and charts for data collection. | Competently created tables and charts for data collection. |
| Construction of carriage | Designed and made a simple carriage. | Successfully designed and made a carriage which was driven by Sphero. | Creatively and successfully designed and made a carriage which was driven by Sphero. |
| Creativity, problem-solving and collaboration | Demonstrated some creativity, problem-solving and collaboration throughout tasks. | Demonstrated good creativity, problem-solving and collaboration throughout tasks. | Demonstrated excellent creativity, problem-solving and collaboration throughout tasks. |