## Sphero slalom lesson

### Rubric

**Assessment**

| Criteria | Beginning | Achieved  | Exceeded |
| --- | --- | --- | --- |
| 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. |