**JUDGING RUBRIC: OSHClub Inventions and Innovations**  
**Years K–2**

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<th>Level</th>
<th>Description</th>
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| 5     | The student has provided clear and convincing evidence that he/she:  
  • conducted the **majority** of the designing and building of an innovative device or invention  
  • had an invention or innovative device which is a **useful** and **original** solution to a need or problem  
  • had a clear understanding of the **technological concepts** related to the need, problem or innovation  
  • **collected information** on both the problem to be solved and similar devices that already exist, before building the invention or innovative device  
  • adopted **skilful, safe and supervised** procedures in the inventions’ or innovative device’s construction  
  • has shown **creativity** in the design process  
  • included a **log book** that contained samples of the student’s ideas, sketches, background research, details or photos of the device’s construction  
  • **tested** the invention or innovative device to see if it works as intended  
  • **acknowledged** all assistance given  
  • included **clear instructions** on how to operate the invention or innovative device |
| 4     | The student has provided substantial evidence that he/she:  
  • conducted **most** of the designing and building of the invention or innovative device  
  • had developed an **original** invention or innovative device that was a **solution** to a need or problem  
  • outlined the **technological concepts** related to the need, problem or innovation  
  • had shown **some skill** in the **safe construction** of the invention or innovative device  
  • has shown **some creativity** in the design process  
  • included a log book **containing** the various **stages** of the design process  
  • constructed a **well-made** invention or device that works as intended, **most of the time**  
  • **listed** any assistance given  
  • included **instructions** on how to **operate** the invention or innovative device |
| 3     | The student has provided evidence that he/she:  
  • **planned and built** an invention or innovative device with assistance  
  • developed an invention or device which **seeks** to solve a need or problem  
  • had **some** understanding of the **technological concepts** related to the innovation  
  • has an invention or device that is **reasonably** made and works **some** of the time  
  • included a **log book** that contains **notes and ideas**  
  • **acknowledged** some of the assistance that was given  
  • included **some instructions** on how to operate the invention or innovative device |
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### Years K–2

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| 2     | The student has provided evidence that he/she:  
  - built an invention or innovative device with **minimal** planning  
  - made an invention or device which **does not** appear to have a **clear objective**  
  - had **little** understanding of the **technological concepts** related to the innovation  
  - had an invention or device that is **reasonably** made but **did not** perform as intended  
  - included a **log book** that is **minimal or disorganised**  
  - **failed to acknowledge** assistance given  
  - added **instructions** that were hard to understand |
| 1     | The student has provided evidence that he/she:  
  - entered an invention or device that **does not work**  
  - has **poor** understanding of the **technological concepts** related to the innovation  
  - made an invention or device with **poor workmanship** and **no record** of its construction  
  - **failed** to add instructions on how to operate the invention or innovative device |