

## 1+1 Science Tip-top Talent Scheme 2017/18 Proposal Guideline

### **Invention proposal should include:**

1. Names of Team Members
2. Name of School
3. Topic
4. Type (*invention*)
5. Stream (*biology and chemistry / physics and engineering*)
6. Introduction (*include background and literature review*)
7. Objective (*include the problem statement and explain why you want to invent it*)
8. Design of invention (*describe the design and include sketches/drawings if necessary*)
9. Materials / Equipment Required and Methods (*describe what kind of materials and methods you would use, and also the reason behind choosing this methods*)
10. Application / Market Needs (*include the demand of your invention in the market and tell how your invention applicable to real problems or improve lives*)
11. References (*list all references cited*)

### **Investigation proposal should include:**

1. Names of Team Members
2. Name of School
3. Topic
4. Type (*investigation*)
5. Stream (*biology and chemistry / physics and engineering*)
6. Introduction (*include background and literature review*)
7. Objective (*include the problem statement and explain why you want to investigate it*)
8. Hypothesis (*include a proposed explanation for a phenomenon*)
9. Materials / Equipment Required and Methods (*describe what kind of materials, methods and analyses you would use, and also the reason behind choosing this methods / analysis*)
10. Importance / Impact of the Research (*tell how your investigation applicable to real problems or improve lives*)
11. References (*list all references cited*)