



LEVEL 1

ISS Inspiration Station

Run heat experiments on the ISS



5th and 6th grades



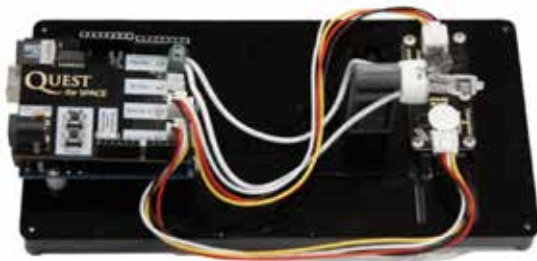
Arduino Coding



12 hour curriculum



Convection & Radiation
heat experiments



Heat experimentation platform



Level 1 Inspiration Station is a hands-on

experience for students in 5th and 6th grades. The mystery of Space engages students as they build the heat experimentation platform, during which they learn grade appropriate concepts in mechanical, electrical and software engineering. They then create and run heat transfer experiments on earth and hypothesize what will happen in microgravity. Their software is then uploaded to the ISS and the results are returned for analysis. The whole experience is created to inspire students to aspirations that they never thought available to them.



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