

B11
Hands-on Workshops

Workshop title:	The "Flying Butterfly"
Workshop owner: (Name of School/ Institution/University/Organization)	Centre for Foundation Studies (Sungai Long Campus), Universiti Tunku Abdul Rahman
Description of workshop: (objective, content, etc)	<p><u>Objective:</u></p> <ul style="list-style-type: none"> • To understand the conservation of energy theory in Physics • To construct a “flying butterfly” model using the concept of elasticity. <p><u>Content/Description:</u> Participants will learn the method to construct a “flying butterfly” model. The butterfly is powered simply by a rubber band. It's a wind up paper butterfly which flies up into the air. From the model constructed, they should understand how the elastic potential energy is transferred to the kinetic energy and gravitational potential energy of the butterfly as it flies.</p> <p><u>UTAR SDG Initiatives:</u> Goal 4 – Quality Education</p>
Age group:	7 years old and above
Group size:	20 participants/session
Number of session per day:	6 sessions/ day
Duration per session (eg. 30 minutes):	30 mins/ session
Time (eg. 9.00am – 9.30am):	9.30 am to 10.00 am 10.45 am to 11.15 am 12.00 pm to 12.30 pm 2.30 pm to 3.00 pm 3.45 pm to 4.15 pm 5.00 pm to 5.30 pm

