

B14
Hands-on Workshops

Workshop title:	Physics Optic Workshop
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(s):</u></p> <ul style="list-style-type: none"> -To enhance students knowledge and interest in Physics on topic of Optics. -To provide educational experience and fun through participation in Physics experiments. - To create the awareness of students in the importance of Sciences application in daily life. - In accordance to UTAR SDG 4: Quality Education. <p><u>Brief Description:</u></p> <ol style="list-style-type: none"> 1. Science demonstrations will be conducted by CFS-Sungai Long lecturers and student helpers. Flyers with the experiments / activities details will be distributed to the targeted audience / visitors. Visitors can take part in the activities in individual / group form. 2. There is ONE (1) station for Physics. The station will have 2 workshop activities for visitors. 3. The list of Science demos to be conducted (tentative titles and the titles will be revised if there is any clash in titles with other centre / faculty): <p><u>Workshop 1: DIY Kaleidoscope</u> Objectives: For student to learn about concept of reflection of light while having fun creating their own kaleidoscope with guidance</p> <p><u>Workshop 2: DIY Hologram</u> Objectives: For student to learn on the concept of hologram using optics illustration and guided to make their own hologram which can be placed on the screen on smart phone.</p>
Age group:	6 – 12 years old
Group size:	20 participants/session

KLESF: The Fair 2019, 1-3 November 2019, MIECC
Registration Form

Number of session per day:	6
Duration per session (eg. 30 minutes):	Workshop 1: 60 mins Workshop 2: 30 mins
Time (eg. 9.00am – 9.30am):	9.30 am - 10.00 am: Workshop 2 10.30 am - 11.30 am: Workshop 1 12.00 pm - 12.30 pm: Workshop 2 12.30 pm - 2.00 pm: Lunch 2.00 pm - 3.00 pm: Workshop 1 3.30 pm - 4.00 pm: Workshop 2 4.30 pm - 5.30 pm: Workshop 1

