

Founded 1953

光華學校

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Dear Parents / Guardian,

The Young Scientist Badge Scheme

To bring out the joy in science learning, the school is encouraging your child to take part in the Young Scientist Badge scheme. The Young Scientist Badge scheme is jointly organised by Science Centre Singapore, Science Teachers Association of Singapore (STAS), Singapore Association for the Advancement of Science (SAAS) and Singapore National Academy of Science (SNAS), supported by the Ministry of Education. The Young Scientist Badge scheme has been going strong since it started in 1982. There are 17 different cards that students can work on, depending on their interest and aptitude.

The objectives of this scheme are to stimulate interest in science activities among students and enable them to carry out self-directed activities in various disciplines of science during their free time. Through this scheme, your child will learn to develop curiosity, initiative and creative thinking as he / she works towards receiving the unique and iconic badges (as seen below).



How to purchase and complete the card(s)

Each card costs \$2.50 and will be sold during your child's recess slot on Wednesday 26 Apr 2017 and Thursday 27 Apr 2017 at the Science book fair held at the school canteen. Alternatively, the cards can also be purchased from the Curiosity Shop at the Science Centre.

Each completed activity earns your child a corresponding number of stars indicated. Please note that the school will only be endorsing 1 activity (3 stars) per card. The rest of the stars of activities must be endorsed by parents / guardians upon the completion of each activity by your child outside of school.



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This year, the school has also put in place some activities for each level which we can endorse as the completed activity for your child to earn the 3 stars in a few relevant cards.

Please refer to the following table for more information.

Level	Level Activity (Month conducted)	Corresponding activity (3 stars) in the Young Scientist Card which can be endorsed by the school
P3	Investigation on the growth of bread mould (Apr 2017)	Young Ecologist
P3	Hydroponics Project (Aug 2017)	Young Botanist
P3	Classification chart on the reproduction of animals / animal coverings (Mar 2017)	Young Zoologist
P4	Observing the Life Cycle of the Butterfly and Mealworm Beetle (Feb 2017)	Young Zoologist, Young Entomologist
P4	Building a simple machine and explaining how it works (Feb 2017)	Young Physicist
P5	Investigation on the presence/ absence of water on the growth of green bean plants (Feb 2017)	Young Ecologist
P5	Comparing the growth of green bean plants in moist cotton wool and a pot of soil (Feb 2017)	Young Botanist
All	'Fun with Science' – Toy-making Carnival (Oct 2017)	Young Physicist – for submission of card in 2018 only

There are also a few exhibitions at the Science Centre that may be helpful while completing the Young Scientist cards and more information can be found in the following webpage: <http://www.science.edu.sg/schoolprogrammes/Pages/youngscientistbadgescheme.aspx#1>

How to submit the completed card(s) to obtain the badge(s)

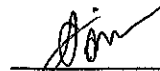
The school will submit up to a maximum of 2 completed cards on behalf of each student per year. In order to obtain badges in 2017, students' completed cards must be submitted to the School's Science Lab between Monday, 11 Sept 2017 to Thursday, 14 Sept 2017 (anytime from 2 pm – 3 pm). Do check and ensure that each card is completed with the required number of stars.

The endorsement of the completed 3 stars activity by the school will be done during this period provided the evidence of the completed activity is submitted along with the card. Late or incomplete submissions will not be entertained. By this period, if your child has cards that are only halfway done, your child may complete them during the year-end school holidays and then submit them in Term 4 Week 1 of 2018. There is no time limit on the completion of each Young Scientist Card.

Through the activities in the Young Scientist Cards, your child will be provided with opportunities to develop skills, habits of mind and attitudes necessary for scientific inquiry. Should you have any queries, please email Miss Angela Ng and Mr Jimmy Lin at the following addresses: angela_ng_suat_theng@moe.edu.sg lin_jinlong_jimmy@moe.edu.sg.

Thank you.

Yours sincerely,



Miss Angela Ng
Head of Department (Science)