

Young Scientist Badge Scheme – Rollout to All P3 – P6 Frequently Asked Questions

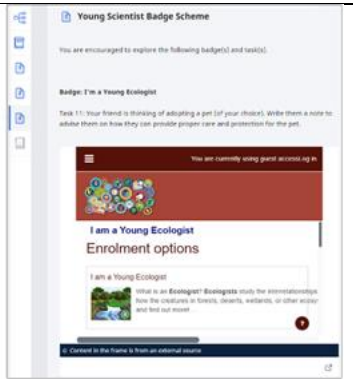
Section 1. Teaching and Learning	
01	<p>How does YSBS support teaching and learning?</p> <p>Young Scientist Badge Scheme (YSBS) is designed to cultivate interest in and encourage the exploration of Science, Technology, Engineering and Mathematics (STEM) among Primary school students. The scheme complements formal science curriculum in schools by providing opportunities for students to engage in STEM learning beyond the classroom. This includes supporting students in exploring their own areas of interest (e.g., astronomy, genetics, geology), encouraging self-paced and self-directed learning, encouraging creativity through multiple ways of expression, and providing learning resources that are better contextualised to students' experiences in Singapore.</p>
02	<p>How can students experience YSBS Tasks and learn from them?</p> <p>Students can experience the YSBS Tasks through the following:</p> <ul style="list-style-type: none"> • linked SLS Lesson Packages • directly through the YSBS portal at https://youngscientist.sscglobal.com.sg/login/index.php <p>Students will need to use the login credentials provided by Science Centre Singapore (communicated through their schools' HOD/Science) to access the YSBS Tasks.</p> <p>Students who log in to the YSBS portal will be presented with 25 different YSBS Badges*. Within each YSBS Badge, students will be presented with learning Tasks at varying challenge levels. More challenging Tasks are represented by a larger number of "Stars". This encourages students to explore different tasks based on interest and to take ownership of their learning.</p> <p>Students also have the freedom to complete these Tasks in any order and they can submit their work through the portal for review. Students will earn a number of Stars that correspond to the challenge level of the Task. When students have obtained at least 15 Stars for a given Badge, they would automatically be awarded with an eBadge. Once they have completed the Programme Feedback, they would also be able to download an eCertificate for the selected YSBS Badge.</p> <p>*In the YSBS Portal, a YSBS Badge is referred to as a YSBS Course.</p>
03	<p>Could schools experience all 25 YSBS Badges?</p> <p>The access to all 25 YSBS Badges is fully sponsored by MOE for all Primary 3 to Primary 6 students in Singapore. These Badges are listed as follows:</p> <ul style="list-style-type: none"> • I am a Young Astronomer • I am a Young Botanist • I am a Young Chemist • I am a Young Digital Fabricator • I am a Young Ecologist • I am a Young Energy Saver

	<ul style="list-style-type: none"> • I am a Young Engineer • I am a Young Entomologist • I am a Young Environmentalist • I am a Young Food Scientist • I am a Young Geneticist • I am a Young Geologist • I am a Young Geospatial Scientist • I am a Young IT Whiz • I am Young Margaret Fountaine • I am a Young Marine Biologist • I am Young Marie Curie • I am a Young Mathematician • I am a Young Meteorologist • I am a Young Ornithologist • I am a Young Physicist • I am a Young Sustainability Champion (Junior) • I am a Young Sustainability Champion (Senior) • I am a Young Water Ambassador • I am a Young Zoologist
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04 What support has been provided to guide teachers in the use of YSBS Tasks for Science Learning?

Support from CPDD

To support teachers and students in the use of YSBS for teaching and learning, the YSBS tasks are signposted in the teaching learning guide as well as relevant SLS lesson packages.

Example of YSBS signposted in Teaching Learning Guide	Example of YSBS in Student Learning Space
<p>Living things such as plants and animals can be classified based on common observable characteristics.</p> <p>There are different types of plants and animals.</p> <ul style="list-style-type: none"> • Engage students in an out-of-school, curriculum-based learning experience based on the Informal Science Learning Guide. Teachers may facilitate and guide students to make connections between what they have learnt in class to their experiences in these learning journeys. These are some suggested learning journeys. For more learning journeys, teachers may refer to the catalogue of learning journeys suitable for primary level at the following link: https://www.opal2.moe.edu.sg/cal/content/perma?id=71782. • Invite students to explore the following cards: <ul style="list-style-type: none"> - 'I'm a Young Botanist' Card. For example, students can make a collection of 5 different ferns found in school / home. - 'I'm a Young Entomologist' Card. For example, students can observe and draw body parts of an insect using a magnifying glass or a microscope. - 'I am a Young Zoologist' Card. For example, students can observe animals in Singapore Zoo and make a simple poster to show examples of a land /aquatic animal with hair, a land /aquatic animal with feathers, a land / aquatic animal with scales. 	<p>Appropriate learning tasks are signposted in the last tab of relevant lesson packages.</p>  <p>The screenshot shows a digital interface for the 'Young Scientist Badge Scheme'. It features a navigation menu on the left with icons for home, tasks, and profile. The main content area displays a task titled 'I am a Young Ecologist' with a sub-task: 'Task 11: Your friend is thinking of adopting a pet (of your choice). Write them a note to advise them on how they can provide proper care and protection for the pet.' Below the task, there is a section for 'I am a Young Ecologist Enrolment options' with a small image of a person and a red circular icon with the number '1'.</p>

Support from Science Centre Singapore

Many YSBS Tasks contain other relevant learning materials tagged as “Additional Resources” that could help students complete the Tasks. YSBS Tasks are also incorporated into Science Centre Singapore’s school-based workshops, self-guided gallery trails and other learning experiences. Students are encouraged to participate in Science Centre Singapore’s school-based workshops with their schools or independently visit Science Centre Singapore’s galleries to complete the YSBS Tasks and earn their eBadges.

05	<p>Can my students use the YSBS for other subjects?</p> <p>Some YSBS Badges are designed with an interdisciplinary focus (e.g., I am a Young Sustainability Champion Badge). Students are strongly encouraged to explore these Badges. Teachers may also guide students in drawing connections across STEM subjects using the Tasks in these Badges. Teachers can use YSBS Tasks flexibly to complement school programmes.</p>
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Section 2. Access and Account Matters

06	<p>How will students and teachers be onboarded onto the YSBS?</p> <p>P3 – P6 students will have access to their YSBS accounts using the login credentials disseminated (i.e., User ID and Password) in Term 2 of each academic year. An email with the following information will be disseminated to all HOD Science:</p> <ul style="list-style-type: none"> • Updated Student User IDs (for new users) and new Passwords (for all users) in their new classes for the new academic year* • Updated Teacher User IDs and Passwords for all nominated teachers to support the programme • Teacher and Student User Guides on using the YSBS portal • Frequently Asked Questions <p>*Note that Student Users who already have existing YSBS accounts from the previous academic year will continue to use their existing User IDs in the new academic year. New passwords will be disseminated to all Student Users in Term 2.</p>
07	<p>What happens if students forget their login credentials?</p> <p>Students will maintain the same login credentials for a year (i.e., same User ID and Password) until the point of password reset by Science Centre Singapore in Term 2 the following year. Students will not be able to reset their passwords on their own.</p> <p>Hence, if students forget their login credentials, they may request for the information from their teachers or school’s Head of Department for Science (HOD/Sci).</p> <p>Alternatively, teachers may write in to the technical support link: I am a Young Scientist Tech support FormSG .</p>
08	<p>My student’s account is locked after multiple failed attempts at logging in. What should I do?</p> <p>Student accounts will be locked after multiple failed attempts at logging in. Teachers may write in to the technical support link on the YSBS portal to unlock the account.</p>
09	<p>What is the completion time frame for each YSBS Badge (i.e., must my students complete each Badge within the academic year)?</p> <p>Students have access to all 25 YSBS Badges for the period that they are enrolled in the Primary school (e.g., Primary 3 students have access as they progress from Primary 3 to</p>

	<p>Primary 6). During their enrolment in the Primary school, students may complete any number of YSBS Badges until they leave the school. If they have accumulated 15 Stars worth of completed Tasks for a given YSBS Badge over the span of the time that they are enrolled in the Primary school, they will acquire an eBadge and an eCertificate (i.e. There is no need to limit completion of a Badge to a single academic year).</p>
10	<p>My school has an existing YSBS subscription. Will there be a refund or reimbursement with the launch of YSBS? Can schools withdraw existing subscriptions?</p> <p>The fully sponsored YSBS subscription provides access to the online tasks of all 25 YSBS Badges. An eBadge and an eCertificate will be awarded to students who had acquired 15 Stars for a given Badge.</p> <p>Existing paid subscription provides access to the online tasks for specific badges that your school has paid for and entitles students to receiving a physical badge, in addition to an eBadge and an eCertificate, when they have acquired 15 Stars for a given Badge.</p> <p>Your school's existing paid subscriptions will continue to be available to your students for one year from the point of enrolment. Schools will not be able to withdraw existing subscriptions and there will not be any refunds or reimbursements for the existing subscriptions. With the launch of the fully sponsored access to the Young Scientist Badge Scheme by MOE, your students will hence have access to two accounts concurrently.</p> <p>Schools with existing subscriptions may choose to not renew the paid subscription in the following year.</p>
11	<p>My school has an existing subscription. Is it possible to port the content from the existing accounts into the fully sponsored accounts?</p> <p>All records of student activities (e.g. partially completed YSBS Badges, eBadges and eCertificates) in existing <i>paid</i> accounts will NOT be reflected in the new sponsored accounts under this scheme (i.e. students will be getting brand new accounts). Students are advised to download any earned eBadges and eCertificates tied to their paid accounts before their 1-year access to the accounts expires.</p>
12	<p>Would my students be able to acquire physical badges when they complete a YSBS Badge?</p> <p>A student will automatically be awarded an eBadge and an eCertificate when he/she has successfully completed 15 Stars worth of tasks for a given YSBS Badge. Physical badges are not applicable to the MOE-sponsored subscription scheme. Schools who have further clarifications on the physical badges, may write in to young_scientist@science.edu.sg.</p>
13	<p>There are changes to the staff and student enrolment in my school. How do I inform Science Centre Singapore of the changes?</p> <p>All student accounts will be refreshed in Term 2 of each academic year to reflect student movements (i.e., update in student password, class groupings).</p> <p>To support the roll-out of YSBS, teachers are to be re-nominated annually in Term 1 through the HOD Science via an online form (https://for.edu.sg/moe-ysbs-student-teacher-form). HOD Science can nominate teachers who will be supporting YSBS in the school (e.g., all</p>

	<p>Science teachers, or any other teacher involved in supporting the YSBS, including Flexi-Adjunct and Contract Adjunct Teachers).</p> <p>Should there be further changes to student movement or staff deployment in school, you may use the same form link (https://for.edu.sg/moe-ysbs-student-teacher-form) to request for changes by Week 7 of Terms 2, 3 or 4 accordingly. Science Centre will update teacher and student details and will share the details with the respective HOD Science by Week 9 of the respective terms. Note that the form will not be available between Week 7 and Week 9 of each term as the team updates the new nominations for the term accordingly.</p>
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Section 3. Review of Students' Submissions	
14	<p>Who will be reviewing the completion of the learning Tasks for each YSBS Badge?</p> <p>After students have submitted their responses to the different learning Tasks, Science Centre Singapore will review these submissions and indicate completion. Teachers could also review their students' work using the dashboard if they opt to. A guide on the use of the dashboard can be found at https://for.edu.sg/moe-ysbs-teacher-guide.</p>
15	<p>How can teachers get a report of the students' submission and usage rate?</p> <p>Teachers may retrieve a summary of their students' submission using the dashboard. A guide on the use of the dashboard for retrieving reports can be found at https://for.edu.sg/moe-ysbs-teacher-guide.</p> <p>The YSBS portal does not provide a school or cohort level report.</p>