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YOUTH STEWARDS FOR NATURE 2027

Project Directory

Projects are organised into 3 main themes!
Click on the project you are interested in to navigate to its detailed project information.

Project Theme

Project Type
Research & Fieldwork
Survey Design & Study
Design & Prototyping
Community Events & Outreach

YSN 2026 Projects				
S/N	Project Title	Commitment	Months	Type
Urban Greenery				
1	Design a Heritage Tree Trail along Civic District	MED	6	
2	Habitat Enhancement along Sungei Punggol	MED	6	
3	Reimagining Experiences at Jurong Lake Gardens	MED	6	
Biodiversity & Wildlife				
4	Festival of Biodiversity Youth Planning Committee	HIGH	6	
5	Growing Our Nature Kakis Network: Boon Lay Youth Network	HIGH	6	
6	Habitat Enhancement & Bird Species Monitoring at Ketam Mountain Bike Park	MED	6	
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All Themes				
8	Growing Our Nature Kakis Network: Henderson-Dawson Nature Kakis	MED	9	
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Design a Heritage Tree Trail along Civic District



Synopsis:

Create and design a new Heritage Tree Trail showcasing multiple Heritage Trees and points of interest in the Civic District (e.g. Fort Canning Park, Raffles Quay, Esplanade Park)! Highlight their botanical, ecological, social, and cultural significance in relation to Singapore's natural and human heritage.

Digitise traditional DIY Heritage Tree trail guides into simple interactive virtual maps that support both facilitated and self-guided exploration.

#1	Urban Greenery	Design & Prototyping

Design a Heritage Tree Trail along Civic District

This project is for you if…

1) You are passionate about trees and the natural history of Singapore.
2) You enjoy learning and sharing about nature and the environment.
3) You are interested in storytelling of local history, culture, and science communication – and conveying these through digital formats.

Roles & Commitment

LEVEL		
MED		Independent work • 2-5 hours per week for own research/planning/design
		Group work • Monthly 30 mins to 1 hour virtual meeting or 1.5 hours physical meeting with mentors (for progress updates) • 30 mins to 1 hour virtual meeting or 1.5 hourr physical meeting without mentors (if necessary) • Meetings on weekdays or weekends, based on common available timings

Special commitments
- 4 – 6 hours for site-recce(s) to route-test the potential virtual routes & improved existing routes

#1 | Urban Greenery | Design & Prototyping

Design a Heritage Tree Trail along Civic District

Project Details	
Project Background	The Heritage Tree Scheme is one of our efforts to protect mature trees as we transform Singapore into our City in Nature. Heritage Trees serve as important green landmarks, keeping us rooted to our home amidst Singapore's changing landscape. While Heritage Tree trail guides currently exist as e-brochures, there are opportunities to enhance accessibility by adapting them into virtual maps. You will help adapt existing trail guides and identify a new route within the Civic District — home to Fort Canning Park, Raffles Quay, and Esplanade Park, and the highest concentration of Heritage Trees in Singapore.
	Heritage Tree Website; DIY Trail Guide – FCP
Project Significance	There are currently 5 established Heritage Trees walking trails in Singapore. There is potential to explore and develop more walking trails to increase public awareness and appreciation of the unique stories behind these special trees that have withstood the test of time, as well as modify the trails to be more accessible virtually.

Learning Goals & Core Skillsets	• **Hard skills:** plant identification, outreach activity planning & management, visual communication/graphic design • **Soft skills:** public engagement, science communication, story-telling
Project Deliverables	Prototype of Civic District DIY walking trail guide (single-page e-brochure), virtual Map(s) of Civic District and existing Heritage Tree trails

1	2	**3**	4	5

GUIDED
Greater structure with more defined requirements and guiding constraints

EXPLORE
Greater flexibility and freedom to explore and co-develop outcomes

#1 | Urban Greenery | Design & Prototyping

Design a Heritage Tree Trail along Civic District

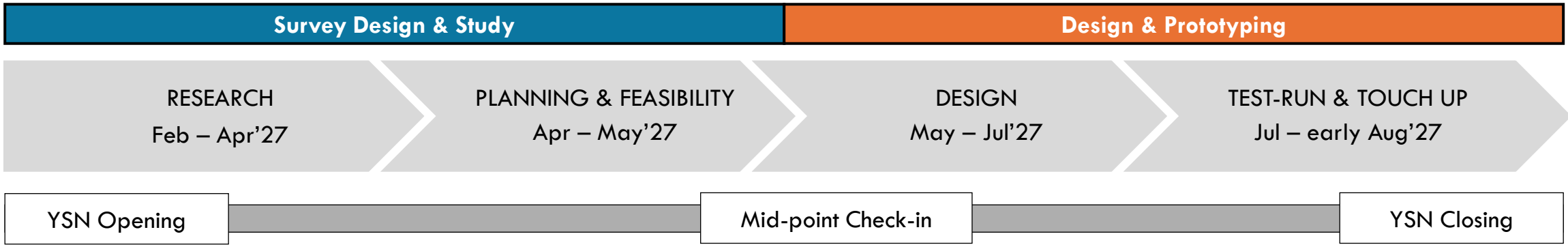
Project Timeline

Research:
- Research on Heritage Trees, places of interest and potential routes within the Civic District
- Study existing DIY walking trail guides on how to improve routes & e-brochure layout

Planning & Feasibility:
(High commitment)
- Conduct site recces to route-test the potential Civic District virtual routes & improved routes for existing DIY walking trail guides
- Write content on Heritage Trees & related places of interest

Design:
(High commitment)
- Plot trees & routes for Civic District virtual map
- Illustrate map & design layout for e-brochure map
- Digitise existing DIY walking trail guides onto virtual platform

Test-run & Touch-up:
- Create & conduct surveys on how users interact with e-brochure
- Final touch-up for deliverables



Design a Heritage Tree Trail along Civic District

Project Workstreams & Roles

** Project members are not limited to just one role*

- **Researcher** (involves everyone) – study potential routes; research on Heritage Trees & places of interest; perform recces
- **Content Creator** – writing content on Heritage Trees & related places of interest
- **Illustrator/Designer** (for e-brochure trail guide) – illustrating map & route; designing layout for content & photos
- **Photographer** – taking photographs of Heritage Trees & places of interest
- **User Experience Researcher** – create & conduct surveys on how users interact with e-brochure trail guide vs virtual trail guides
- **Digital Mapping Coordinator** (for virtual trail guides) – administrator for virtual mapping platform; plot routes & points on virtual map; digitize existing DIY walking trail guides e-brochure onto virtual mapping platform

#2 | Urban Greenery | Research & Fieldwork | Community Events & Outreach

Habitat Enhancement along Sungei Punggol



Synopsis:

Join us at Sungei Punggol and Elias Road, where you will get your hands dirty tackling invasive plant species along the riverbank, and replace them with native plants that attract wildlife and restore natural habitats. This project isn't just about planting trees — you will bring your own landscape design to life along the adjacent nature way, and engage the public on discoveries you've made on local fauna in the area.

Over the course of this project, and years beyond, you will be able to witness and track meaningful ecological change, through gradual transformations in the landscape and biodiversity surveys. Building on past YSN iterations of this project, you will conduct kick-off surveys of past project sites to draw key insights to improving the YSN 2027 iteration.

#2 | Urban Greenery | Research & Fieldwork | Community Events & Outreach

Habitat Enhancement along Sungei Punggol

This project is for you if…

1) You are interested in nature and environmental conservation.
2) You are willing to engage in outdoor and physical activities.
3) You enjoy teamwork.

Roles & Commitment

LEVEL		
MED		Independent work • 1-2 hours every week • Research on fauna, flora, and habitat restoration.
		Group work • Physical or virtual meeting once every 2-3 weeks. Depending on project progress, weekdays and weekends are possible. • Physical meetings: collaborate on habitat and nature way enhancement tasks such as planting, invasive species removal, and biodiversity surveys. Mentors will accompany physical site visits.

Special commitments
- Public engagements: trees and shrubs planting (April); guided walk (July/Aug)

#2 | Urban Greenery | Research & Fieldwork | Community Events & Outreach

Habitat Enhancement along Sungei Punggol

Project Details	
Project Background	The public may not appreciate why Singapore's urban greenery is maintained in a certain way, and the fauna that comes along with it. This project aims to enhance the habitat along Sungei Punggol, as well as the adjacent nature way on Elias Road, which sits between Pasir Ris Drive 1 and Drive 3 and serves as a connecting link between the two nature ways. Through habitat enhancement, this project aims to improve green spaces for local fauna, and engage youths to champion and promote these efforts to the wider public – via planting sessions as well as guided walks to share about the flora and fauna in the area.
	Nature corridors and nature ways
Project Significance	This project aligns with Singapore's City in Nature vision by restoring riverbank habitats, promoting biodiversity, and strengthening ecological resilience in urban spaces. Positive project outcomes can serve as a foundation for future habitat and landscape enhancement works. This iteration of the project also seeks to enhance outreach for a different demographic, specifically youths.

Learning Goals & Core Skillsets	• **Hard skills:** Basic internet literacy and Microsoft skills, flora and fauna identification, biodiversity surveys, public outreach • **Soft skills:** Teamwork, proactive communication, initiative
Project Deliverables	Site analysis report (includes habitat enhancement proposal, planting plan and before/after implementation), guided walk, biodiversity survey, presentation and poster, short film video

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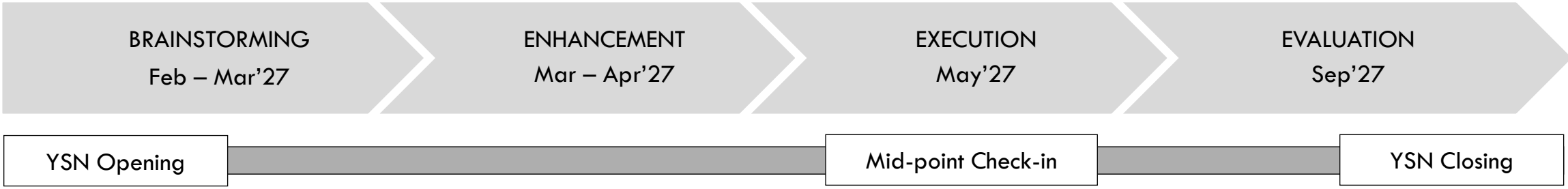
GUIDED
Greater structure with more defined requirements and guiding constraints

EXPLORE
Greater flexibility and freedom to explore and co-develop outcomes

Habitat Enhancement along Sungei Punggol

Project Timeline

- **Brainstorming and Learning:** Build foundational knowledge and generate initial ideas for habitat enhancement along the riverbank and nature way and explore the potential of public engagement.
- **Enhancement:** Biodiversity survey, planning of habitat and nature-way enhancement.
- **Execution:** Implement enhancement ideas and public outreach.
- **Evaluation:** Final report and presentation.



Reimagining Experiences at Jurong Lake Gardens













Synopsis:

Have you ever walked through a garden and wondered how you could experience it differently? This project invites you to bring fresh perspectives to Jurong Lake Gardens (JLG) by co-creating new ways for visitors to discover, engage with and experience the Gardens.

Across three workstreams, you will develop a self-guided experience for one of JLG's Therapeutic Landscapes, strengthen JLG's social media presence through creative content, and contribute ideas and support for key events such as Arts@JLG and Lights by the Lake. Whether you are drawn to nature, programme design, photography, events or digital content creation, you will have opportunities to turn your ideas into experiences that reach real visitors.

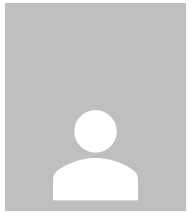
#3 | Urban Greenery | Design & Prototyping

Reimagining Experiences at Jurong Lake Gardens

This project is for you if…

1) You are curious about how people experience and engage with public green spaces.
2) You enjoy creative storytelling and have an interest or experience in programme/experience design, content creation, events or visual communication.
3) You are collaborative, proactive and enjoy turning ideas into tangible experiences and content for real audiences.

Roles & Commitment

LEVEL		
MED		Independent work • Approx. 6–10 hours per month, with higher commitment during development, production and event periods. • Includes research on JLG and relevant visitor/social media trends, content and material development, and revisions following feedback and necessary internal clearances.
		Group work • Approx. 3–4 hours fortnightly, comprising physical sessions at JLG and online discussions. • Sessions may take place on weekdays, weekday evenings or weekends depending on the activity, including site research, content creation, prototyping and event preparation.

Special commitments
- Participation in selected events, which may take place on weekday evenings or weekends.

#3 | Urban Greenery | Design & Prototyping

Reimagining Experiences at Jurong Lake Gardens

Project Details	
Project Background	Jurong Lake Gardens (JLG) offers diverse landscapes, programmes and events for visitors to experience and connect with nature. You will explore JLG from a visitor's perspective and contribute fresh ideas across three areas: developing a self-guided experience for one Therapeutic Landscape, strengthening JLG's social media presence, and supporting the development and delivery of key events such as Arts@JLG and Lights by the Lake.
	Parks for Health Framework and Therapeutic Landscapes, Therapeutic Garden @ JLG, Forest Ramble, Rasau Walk, Allotment Gardens, ArtsEverywhere@JLG, Lights By The Lake
Project Significance	The project supports Singapore's City in Nature vision by creating more opportunities for people to discover, experience and connect with nature at JLG. Through visitor experience design, digital outreach and event activation, youths can contribute fresh perspectives on how JLG engages different audiences, while developing initiatives and content that may continue to be used beyond YSN.

Learning Goals & Core Skillsets	• **Hard skills:** Visitor experience design, nature interpretation, content creation/social media, programme design, user research • **Soft skills:** Teamwork, creative problem-solving, communication, project management, stakeholder engagement
Project Deliverables	1 prototype self-guided visitor experience, social media content and/or campaign, youth-led contribution(s) to chosen JLG event(s), 1 final implementation package

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GUIDED
Greater structure with more defined requirements and guiding constraints

EXPLORE
Greater flexibility and freedom to explore and co-develop outcomes

Reimagining Experiences at Jurong Lake Gardens

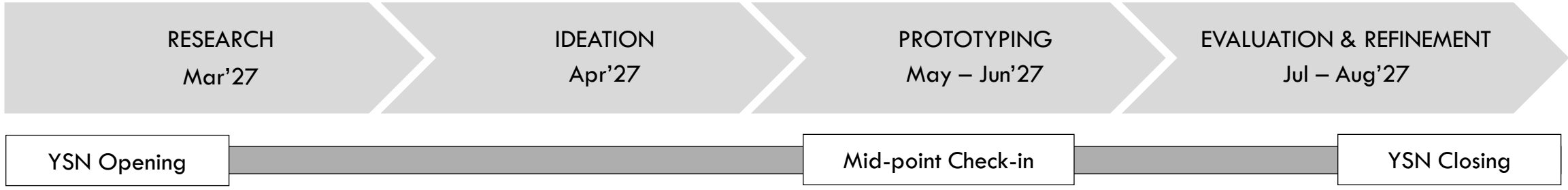
Project Timeline

- **Mar 2027 – Discover & Research:** Explore JLG, its Therapeutic Landscapes, digital presence and key programmes/events.

- **Apr 2027 – Ideation & Planning:** Define the direction and outputs for each workstream.
- **May 2027 – Development:** Develop the self-guided prototype and social media content; plan and prepare the event activation.

- **Jun 2027 – Event Activation & Prototyping**: Deliver the proposed activation at a selected JLG event; continue development of the self-guided experience and social media content.

- **Jul 2027 – Pilot & Refine:** Pilot and evaluate the self-guided experience; refine social media content/campaign based on feedback and clearances.
- **Aug 2027 onwards – Finalise & Handover:** Finalise outputs across all three workstreams and consolidate recommendations and handover materials.



Reimagining Experiences at Jurong Lake Gardens

Project Workstreams & Roles

You may contribute across three interconnected workstreams, with opportunities to take greater ownership of areas aligned with your interests and strengths:

1. **Self-Guided Visitor Experience** – Explore JLG's Therapeutic Landscapes and develop and test a prototype self-guided experience for one selected landscape.

2. **Social Media & Publicity** – Develop creative content and campaigns to strengthen JLG's social media presence, showcase its landscapes and programmes, and encourage more visitors to discover the Gardens.

3. **Event Activation** – Contribute fresh youth perspectives to selected JLG events, such as the Arts@JLG series and Lights by the Lake, through programme ideation, planning, publicity and/or on-site activation.

#4

Biodiversity & Wildlife

Community Events & Outreach

Festival of Biodiversity Youth Planning Committee









Synopsis:

Join us and be part of the team organising Festival of Biodiversity 2027, the BIGGEST biodiversity festival in Singapore! Gain hands-on experience in community outreach, event planning and execution as we look to raise awareness on native flora and fauna and biodiversity conservation efforts.

As part of the planning committee, you will be part of a team designing interactive activities to engage and educate visitors of FOB, and work with volunteers to facilitate these activities.

#4 | Biodiversity & Wildlife | Community Events & Outreach

Festival of Biodiversity Youth Planning Committee

This project is for you if…

1) You are passionate about raising awareness and conducting outreach about native biodiversity and conservation.
2) You are excited about game design, event planning and execution, and volunteer management.

Roles & Commitment

LEVEL		
HIGH		Independent work • ~3-4 hours a week, consisting of desktop research and planning of game activity
		Group work • Bi-weekly meetings (~2.5 hours, meetings may be physical based on need)

Special commitments
- Volunteer training session: 1 May 2027 (Saturday), afternoon
- Festival of Biodiversity: 22, 23 May 2027, full days

#4 | Biodiversity & Wildlife | Community Events & Outreach

Festival of Biodiversity Youth Planning Committee

Project Details	
Project Background	This project aims to develop skills and strategies of community outreach, including how to effectively connect and engage the community across different age groups and backgrounds, and how to communicate the significance of biodiversity conservation through different avenues. Youths will learn how to organise and support engagement of visitors of a large-scale event, and also work with volunteers.
	Festival of Biodiversity | BiodiversitySG
Project Significance	The Festival of Biodiversity is a platform and opportunity to create awareness about local biodiversity, empower the community to contribute to biodiversity conservation, and bring together the local nature community.

Learning Goals & Core Skillsets	• **Hard skills:** event planning and organisation, creative game design and production of collaterals • **Soft skills:** community engagement, teamwork and collaboration, communication and people management
Project Deliverables	Event volunteer training and management, game activity creation for visitor engagement and education

1	2	3	4	5

GUIDED *Greater structure with more defined requirements and guiding constraints*	**EXPLORE** *Greater flexibility and freedom to explore and co-develop outcomes*

#4 | Biodiversity & Wildlife | Community Events & Outreach

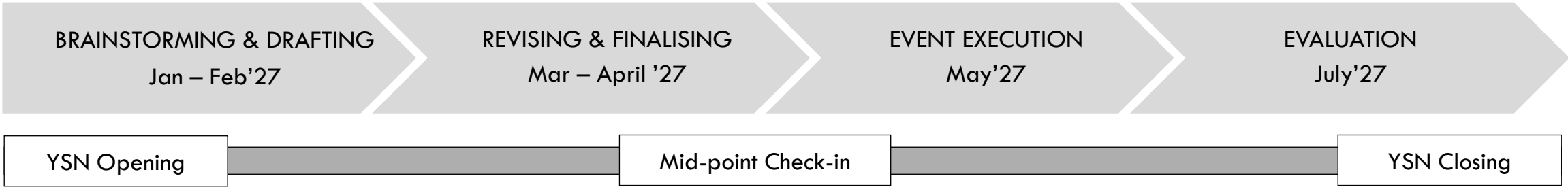
Festival of Biodiversity Youth Planning Committee

Project Timeline

As the Festival is scheduled for late May 2027, event planning and preparation in the lead up to May (~March to May) will require higher commitment.

- **Brainstorming & Drafting:** Kickoff discussions on team roles, project timeline, milestones, activity ideation/game design.
- **Revising & Finalising:** Finetune key project deliverables such as publicity materials, activities and volunteer training workshop.
- **Event Execution:** Coordinate activities and manage logistics/volunteers on event days.
- **Evaluation:** Review project coordination, identify successes and areas for improvement.

*Do note that this project will start in January, prior to YSN Opening 2027.



#4 | Biodiversity & Wildlife | Community Events & Outreach

Festival of Biodiversity Youth Planning Committee

Project Workstreams & Roles

Games Station and Volunteer Management:

1) Games

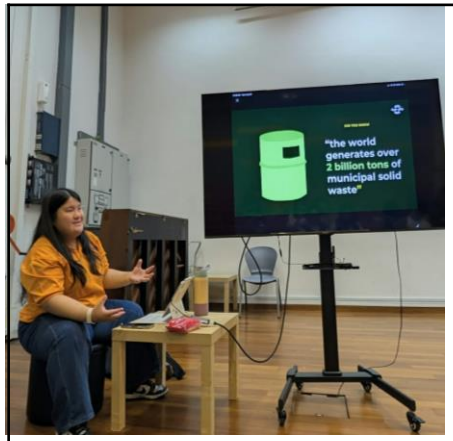
- Curate 3-4 biodiversity and conservation related games, design logistics or collateral needed for games stations
- Plan training materials and conduct training for volunteers pre-event
- Conduct and oversee the games stations during event day (e.g. crowd control)

2) Volunteer Management

- Plan recruitment of volunteers, manage communications with volunteers and coordinate volunteer training workshop(s)
- Manage the allocation of volunteers across games stations and event day management (e.g. ensuring the welfare of volunteers, manage volunteer numbers and allocation according to flow at stations)

#5 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Growing Our Nature Kakis Network: Boon Lay Youth Network











Synopsis:

Have you been looking for a chance to play your part in protecting local wildlife? Here's your chance to be involved in citizen science programmes to track local biodiversity within the Jurong Lake Gardens area and deepen your knowledge and appreciation for our local biodiversity in Singapore!

As part of the project, you can expect to learn how human activities can impact biodiversity and our nature space. You will also get the opportunity to raise awareness on biodiversity conservation through creative art installation.

#5 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Growing Our Nature Kakis Network: Boon Lay Youth Network

This project is for you if…

1) You are interested to learn about local biodiversity and would like to learn how to get started!
2) You want to increase public awareness of nature and local biodiversity through ground-up advocacy and creative mediums.

Roles & Commitment

LEVEL		
HIGH		Independent work • Approx. 1 hour per week to fulfill individual tasks resulting from group discussions (e.g. consolidation and analysis of biodiversity survey data, creation of publicity content for awareness)
		Group work • Approx. 2 hours fortnightly meetings (mixture of physical/online) for project discussions and updates. • Participate in approx 4 biodiversity surveys and 3 estate clean-up sessions across the project duration (3 hours per session, on weekends, *see specific dates in project timeline*)

Special commitments
- To attend training sessions and/or site recees to survey sites to build prior knowledge of biodiversity and chosen sites prior to event days
- (TBC) To attend outreach/community event displaying final art installation and share about biodiversity conservation

#5 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Growing Our Nature Kakis Network: Boon Lay Youth Network

Project Details	
Project Background	In this project, youths can support Boon Lay Youth Network (BLYN) in raising awareness on nature and local biodiversity to residents of Boon Lay. BLYN is an established chapter under NParks' Nature Kakis initiative that aims to make nature stewardship more accessible for members of the public to participate in. As Boon Lay is a mature estate home to a large senior population, youths will play a key role in nature education and advocacy work by helping residents understand how to protect and steward nature. This project allows youths to contribute to the citizen science efforts, learn about local biodiversity and the importance of protecting nature.
	Nature Kakis Network website, Nature Kakis Instagram, BLYN Instagram
Project Significance	This project provides opportunities for the community in Boon Lay to contribute to nature stewardship, strengthen their appreciation of local biodiversity and wildlife, and encourages nature advocacy among youths and the community.

Learning Goals & Core Skillsets	• **Hard skills:** Project management, biodiversity knowledge, content creation, public engagement • **Soft skills:** Interpersonal skills, communication skills, leadership, time management
Project Deliverables	Educational materials/resources, publicity collaterals, designs/sketches of creative community art installation (planning to implementation)

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GUIDED
Greater structure with more defined requirements and guiding constraints

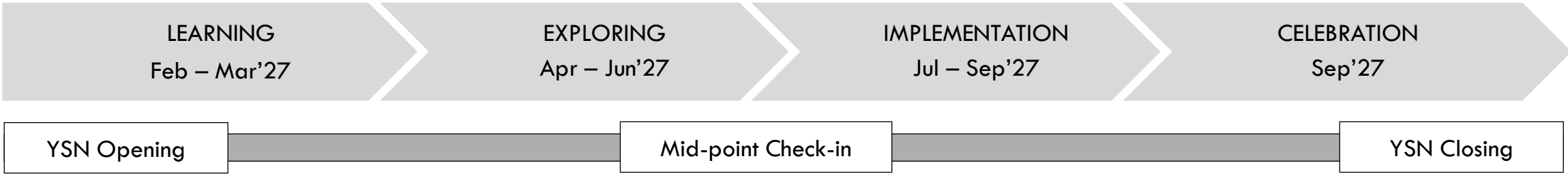
EXPLORE
Greater flexibility and freedom to explore and co-develop outcomes

#5 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Growing Our Nature Kakis Network: Boon Lay Youth Network

Project Timeline

- **Phase 1 – Learning:** Taking the time to gain knowledge through training workshops and site recees to develop technical knowledge and strengthen understanding of how youths can support the community
- **Phase 2 – Exploring (4 Apr, 18 Apr, 6 Jun, 20 Jun):** Exploring nature spaces and getting exposed to the rich local biodiversity landscape by participating in biodiversity monitoring
- **Phase 3 – Implementation (18 Jul, 22 Aug, 19 Sep):** Participating in neighbourhood clean-ups to collect materials to be incorporated into creative art installations or designs to share about biodiversity and nature conservation
- **Phase 4 – Celebration:** Engaging other volunteer networks and sharing stories behind the final art installations while celebrating the journey thus far



#5 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Growing Our Nature Kakis Network: Boon Lay Youth Network

Project Workstreams & Roles

1. Publicity workstream

- To create 6 pieces of social media content on the topic of local biodiversity for public awareness
- To create event posters to recruit participants to join citizen science surveys and estate clean-up sessions
- Document event(s) for future publicity

2. Volunteer Management

- To recruit participants to attend the events
- To organise briefing/debrief sessions to help participants learn about biodiversity
- To create learning materials to facilitate participants knowledge on biodiversity

3. Logistic Management

- To ensure all logistics for event sessions, art installation are in order so that sessions can run smoothly
- To help source for affordable materials so sessions can be sustained

#6 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Habitat Enhancement & Bird Species Monitoring at Ketam Mountain Bike Park











Synopsis:

Engage in monitoring of the newly enhanced habitat at Ketam Mountain Bike Park on Pulau Ubin, where mounds and surrounding vegetation have been improved to support greater biodiversity. Through regular field observations, you will track how birds and other wildlife respond to these changes, with a focus on population trends and species diversity.

This project gives you hands-on experience in species identification, data collection and habitat assessment while contributing valuable information to measure the effectiveness of habitat enhancement efforts.

By the end of the project, compiled monitoring records and baseline studies will provide insights into how habitat improvements support species recovery on Ubin.

#6 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

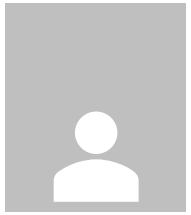
Habitat Enhancement & Bird Species Monitoring at Ketam Mountain Bike Park

This project is for you if…

1) You want to see how habitat enhancement changes on the ground (e.g. mounds, vegetation, open areas) can support more species.
2) You are excited to do outdoor monitoring of birds and their wildlife activities (even better if you have your own binoculars and camera gears!)
3) You want to learn simple but important field techniques – species identification and habitat observations.

Note: punctuality is very important to us as we are on an offshore island!

Roles & Commitment

LEVEL		
MED		Independent work • To clock at least 2 full days of monitoring in a month. At least 1 to 2 weekday slots will be opened weekly and alternate weekends slots will be available for you to choose from. • A full day monitoring session will be broken into 2 time slots: AM (09:00am to 10:30am)/ PM (2.30pm to 4:00pm).
		Group work • 1.5 hours meeting on a monthly basis online/physical to discuss monitoring and findings. • Fortnightly reviewing of camera trap data (camera trap deployment will depend on whether there are any nesting activities).

Special commitments

- (TBC) Have a booth to share your experiences/ findings through poster and games on Ubin Day June 2027 (compulsory attendance, date TBC)

Habitat Enhancement & Bird Species Monitoring at Ketam Mountain Bike Park

Project Details	
Project Background	The Ketam Bird Nesting Site on Pulau Ubin has undergone some habitat enhancement works, including the restructuring of mounds and surrounding vegetation. These improvements aim to provide better conditions for birds and other wildlife to thrive. Monitoring the site will allow us to understand ho different species respond to these changes and whether the habitat is supporting greater biodiversity.
	Years of trial and error bear fruit as native bird species raises young on Pulau Ubin | The Straits Times
Project Significance	This project ensures that the outcomes of habitat enhancement are properly tracked and documented, while giving youths a direct role in tracking and contributing to species recovery on Pulau Ubin.

Learning Goals & Core Skillsets	• **Hard skills:** Basic species identification, data collection and recording (datasheet), habitat observation and assessment (vegetation condition, substrate condition, use of mounds), field navigation and use of monitoring equipment (binoculars, camera, camera traps) • **Soft skills:** Teamwork, patience and consistency in monitoring, attention to detail when observing and recording, communication skills for sharing findings, punctuality and responsibility for monitoring and group discussions, accountability
Project Deliverables	Regular monitoring records to track existing population and species, visual documentation (photos of wildlife), end-of-project findings in poster/presentation, booth set-up on Ubin Day 2027

1	2	3	4	5
GUIDED *Greater structure with more defined requirements and guiding constraints*			**EXPLORE** *Greater flexibility and freedom to explore and co-develop outcomes*	

#6 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Habitat Enhancement & Bird Species Monitoring at Ketam Mountain Bike Park

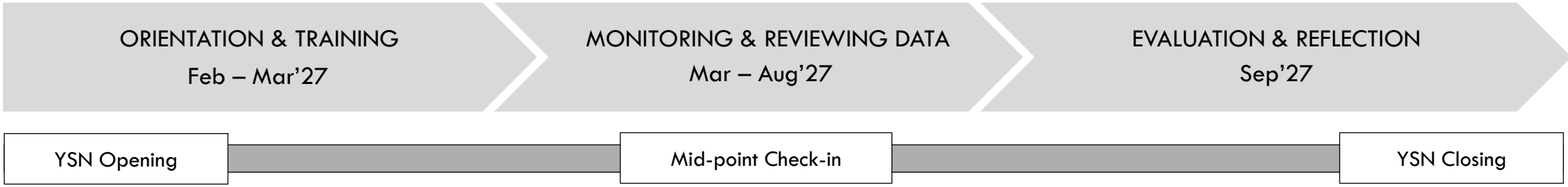
Project Timeline

- **Feb – Mar 2027:** Site familiarisation and orientation, with simple training workshop on species ID basics, data logging methods, habitat features

- **Mar – Aug 2027:** Regular monitoring of enhanced habitat
  - Recording bird species, number, activities and their behaviours including roosting, feeding, nesting, fledging etc. (Blue-throated Bee-eaters until July, Red-wattled Lapwing until Aug, Baya Weaver if any, till Sep)
  - Deploying and retrieving data from Arlo/camera traps
  - Reviewing data on a weekly basis

- **Jun 2027:** Ubin Day set up a booth with poster to share experiences/findings, engagement activities for the guests

- **Sep 2027:** Data collation and analysis, preparing a summary of findings (species diversity), sharing session at YSN closing



#6 | Biodiversity & Wildlife | Research & Fieldwork | Community Events & Outreach

Habitat Enhancement & Bird Species Monitoring at Ketam Mountain Bike Park

Project Workstreams & Roles

For Monitoring Sessions (from March to July)

- Independent work: schedule yourself for at least 2 full days of monitoring sessions within the month, keying in data timely after survey
- Group work: monitoring of camera traps if there is deployment

For Events Milestones (group work aspects)

1. (TBC) Ubin Day (in June, preparation should start in end-April to mid-June)
   - Group 1: Poster making for Ubin Day and closing ceremony
   - Group 2: Outreach materials – diorama, games material

2. YSN Closing Event:
   - Group 1: Poster (Touch up] – add in more information and pictures (if applicable)
   - Group 2: Diorama, games materials (Touch up)
   - Group 3: Report writing for closing ceremony

#7

Biodiversity & Wildlife

Community Events & Outreach

World Wildlife Day Regional Youth Symposium 2027

Note: Registration for this project was conducted in 2H 2026 and has closed.



Synopsis:

Anchor and grow the youth conservation network in Southeast Asia. Connect the youths of Southeast Asia with peers, mentors and role models in the wildlife conservation sector through the organisation of an annual regional event hosted in Singapore. Encourage environmental stewardship to protect nature for future generations. Raise international awareness of innovative practices for wildlife conservation in Southeast Asia.

The theme for 2027's symposium will be "A Celebration of Southeast Asia". WWD27 aims to commemorate ASEAN's 60th anniversary through showcasing ASEAN Member States' milestones and achievements, and looking ahead to advance ASEAN's contributions to wildlife conservation.

#7 | Biodiversity & Wildlife | Community Events & Outreach

World Wildlife Day Regional Youth Symposium 2027

Note: Registration for this project was conducted in 2H 2026 and has closed.

This project is for you if…

1) You enjoy running conservation/nature-related events and have skillsets in programme curation, stakeholder communication, public speaking, social media management and design.
2) You are passionate about wildlife conservation and helping to grow the youth conservation network in Southeast Asia.
3) You want to learn from and make meaningful connections with youths, mentors and role models in the wildlife conservation sector across Southeast Asia.

Roles & Commitment

LEVEL		
HIGH		<u>Independent work</u> • Flexible time and frequency for different tasks
		<u>Group work</u> • Committee meetings at least once a month, sub-committee meetings dependent on individual sub-committee arrangements • Flexible with weekday/weekends, physical and online arrangements

<u>Special commitments</u>
- Full day, in-person event from 12 – 14 Mar 2027 or 19 – 21 Mar 2027
- 2 to 3 in-person dry runs a few weeks before event

World Wildlife Day Regional Youth Symposium 2027

Note: Registration for this project was conducted in 2H 2026 and has closed.

Project Details	
Project Background	World Wildlife Day (WWD) celebrates biodiversity around the world and commemorates the first signing of the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) on 3 March 1973. To join in the global celebrations of this, the World Wildlife Day Regional Youth Symposium was conceived by NParks, the appointed CITES Management Authority of Singapore, to put a spotlight on Southeast Asian biodiversity. The event is put together by youths under the NParks' YSN programme, for youths in Southeast Asia.
	World Wildlife Day, WWD2025 Post-Symposium Report
Project Significance	The WWD Regional Youth Symposium brings together young people and youth-led projects from across Southeast Asia, a region recognised as one of the world's most threatened biodiversity hotspots. The symposium aims to positively impact youths from Singapore and the Southeast Asian region by exposing them to role models, existing efforts, challenges and initiatives surrounding wildlife conservation within the region.

Learning Goals & Core Skillsets	• **Hard skills:** Project management, digital and campaign marketing, stakeholder communication • **Soft skills:** Teamwork, effective communication, organisational skills
Project Deliverables	Leading the organisation and coordination of WWD27, aiming to be one of the largest regional wildlife youth symposiums that showcases the best of ASEAN and provides a platform for continued youth engagement in the wildlife space.

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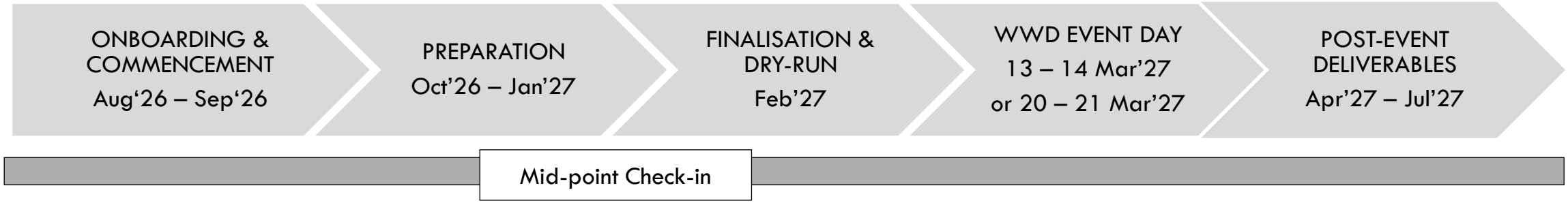
GUIDED	EXPLORE
Greater structure with more defined requirements and guiding constraints	*Greater flexibility and freedom to explore and co-develop outcomes*

World Wildlife Day Regional Youth Symposium 2027

Note: Registration for this project was conducted in 2H 2026 and has closed.

Project Timeline

- **Onboarding & Commencement:** onboarding of youths, commencing the shortlisting and onboarding of projects, confirmation of event programme and platform, commencement of event collaterals/materials
- **Preparation:** commence reaching out to youth groups & subsequently to potential funding partners
- **Finalisation & Dry-run:** finalise programme details, conduct dry-runs of event
- **WWD Event Day:** actual event date (13 – 14 Mar 2027 or 20 – 21 Mar 2027)



#8

All Themes

Community Events & Outreach

Growing Our Nature Kakis Network: Henderson-Dawson Nature Kakis









Synopsis:

Join Henderson-Dawson Nature Kakis in organising their flagship eco-festival by Robertson Quay, “Riverside Vibes”! Design inclusive initiatives to connect generations, cultures, and communities through activities and programming around the central theme of City in Nature.

From event planning to publicity and facilitating partnerships, extend your learning with the Nature Kakis chapter by organising other pet-themed events in the heartlands to encourage responsible pet ownership.

#8 | All Themes | Community Events & Outreach

Growing Our Nature Kakis Network: Henderson-Dawson Nature Kakis

This project is for you if…

1) You are curious and want to be exposed to the community outreach work by Henderson-Dawson Nature Kakis (HDNK) chapter.
2) You are keen to hone your events planning and management skills, and have some relevant experience.
3) You are keen to communicate the impact of nature-based community initiatives through social media, with some relevant experience.
4) (Optional consideration) You live near Henderson-Dawson, as this project involves organising activities and engaging residents in the locale.

Roles & Commitment

LEVEL		
		Independent work • 2-3 hours per week for research, planning and/or design work
MED		Group work • 2-3 hours per week for team check-ins on weekdays and/or weekends • 1-2 days per month for one physical HDNK chapter workplan, as required • Note: more hours for planning may be required, especially in the month leading up to the "Riverside Vibes" event

Special commitments
- Curate relevant content for HDNK social media posts
- Support ideation and execution of community event booths in Henderson-Dawson where possible (e.g. National Day Observance Ceremony, Pet Patrol)

#8 | All Themes | Community Events & Outreach

Growing Our Nature Kakis Network: Henderson-Dawson Nature Kakis

Project Details	
Project Background	Henderson-Dawson Nature Kakis (HDNK) is an established chapter under NParks' Nature Kakis initiative, operating under Henderson Community Club. It is a volunteer-driven group comprising grassroots leaders, community partners, and residents, with a shared commitment to environmental stewardship in the Henderson-Dawson community. Riverside Vibes is HDNK's annual flagship eco-festival at Robertson Quay, gathering the community to celebrate nature and environmental stewardship, through a range of activities and nature-themed booths. Throughout the year, HDNK also regularly organises pet-themed outreach events to promote responsible pet ownership and animal welfare, as well as community gardening and composting initiatives.
	Nature Kakis Network website, Nature Kakis Instagram
Project Significance	As HDNK seeks to scale its programming, youths have opportunities to play active roles and gain hands-on experience in enhancing community outreach and stewardship for nature.

Learning Goals & Core Skillsets	• **Hard skills:** Visual communication graphic design, public engagement, plant/fauna ID • **Soft skills:** Teamwork, leadership, communication
Project Deliverables	Event planning and execution of Riverside Vibes 2027 festival and 1-2 HDNK pet events, development of supporting pet-related engagement collaterals, social media content to amplify HDNK's community outreach and environmental messaging

1	2	3	4	5
GUIDED *Greater structure with more defined requirements and guiding constraints*			**EXPLORE** *Greater flexibility and freedom to explore and co-develop outcomes*	

#8 | All Themes | Community Events & Outreach

Growing Our Nature Kakis Network: Henderson-Dawson Nature Kakis

Project Timeline

The milestones below are centred around the timeline of organising the main Riverside Vibes 2027 event (Saturday in May, date TBC), involving:

- Event conceptualisation support and close coordination with stakeholders
- Creation of posters and other publicity collaterals
- Propose booth ideas and ways to enhance the theme of Nature & Urban Habitats, and showcase HDNK's strength in collaborations

Alongside key initiatives for Riverside Vibes, you will:

- Plan and support initial residents' engagement planning with HDNK & RN members on 1-2 pet events throughout the year
- Create supporting collaterals for outreach during pet events
- Facilitate regular check-ins with stakeholders to support ongoing project developments
- Document the chapter's activities on HDNK social media



#9

All Themes

Design & Prototyping

YSN Creative Suite Project



Synopsis:

Join an exciting creative journey where design meets nature stewardship! As part of the YSN Creative Suite, you'll shape the visual identity of Youth Stewards for Nature 2027 while documenting and sharing inspiring stories of youth-led nature initiatives. This dual-track project combines illustration and content creation, offering a unique opportunity to craft a cohesive visual language for the YSN community while building a compelling narrative of youth stewardship for nature in Singapore.

#9 | All Themes | Design & Prototyping

YSN Creative Suite Project

This project is for you if…

1) You have a creative eye for design and storytelling, with experience in both digital and traditional mediums.
2) You're passionate about nature and environmental causes, with an interest in youth engagement.
3) You're excited to build your portfolio through a mix of design work, content creation, and environmental storytelling.

Roles & Commitment

LEVEL		
MED		<u>Independent work</u> • 2-3 days per month for project documentation and site visits • 3-5 hours per week for design/illustration work and content editing • 1-2 hours per fortnight for portfolio development and skill refinement
		<u>Group work</u> • 3 hours per fortnight for team check-ins and creative reviews • 2-3 hours per week for collaborative design iterations and feedback sessions • 1 day per month for YSN project session coverage and content gathering

<u>Special commitments</u>

- Attend and document other YSN project events, minimally World Wildlife Day (27 – 28 March), Festival of Biodiversity (22-23 May), Ubin Day (June)
- Coordinate with different project groups for content gathering

#9 | All Themes | Design & Prototyping

YSN Creative Suite Project

Project Details	
Project Background	The YSN Creative Suite Project addresses the need for both a distinctive visual identity for youth-led nature initiatives and engaging content that speaks to youths in Singapore. While YSN has successfully launched numerous City in Nature projects, this initiative takes it further by bridging nature stewardship with creative expression. Through youth-led design and storytelling, we aim to document YSN's impact while building greater youth mindshare for Singapore's City in Nature vision, making nature stewardship more accessible and appealing to the wider youth community.
	@nparksyouths Instagram
Project Significance	This creative initiative builds a unified visual identity for YSN cohorts, while creating engaging content on nature appreciation and stewardship that resonates with youths in Singapore. Through youth-led storytelling, we're documenting YSN's impact and attracting more young people to connect with nature and NParks' programmes.

Learning Goals & Core Skillsets	• **Hard skills:** Illustration and graphic design, social media content creation, photography and videography, project documentation, digital asset management • **Soft skills:** Visual storytelling, team collaboration, time management, creative problem-solving, strategic communication
Project Deliverables	Visual identity package (themed illustrations, T-shirt design, event materials), content creation (feature posts/reels, project documentation, youth nature stories)

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GUIDED
Greater structure with more defined requirements and guiding constraints

EXPLORE
Greater flexibility and freedom to explore and co-develop outcomes

YSN Creative Suite Project

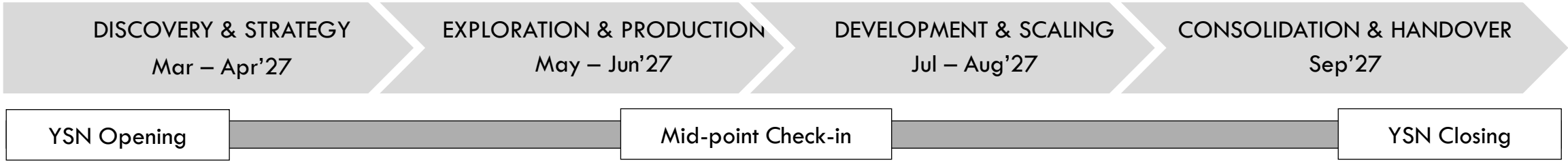
Project Timeline

YSN Content:

- Phase 1: Foundation (March) Team formation, project kickoff, workflow establishment, initial concepts
- Phase 2: Discovery & Initial Launch (April-May) Begin YSN project documentation, develop and release initial content, start cohort identity designs
- Phase 3: Development & Production (June-July) Continue project documentation, regular content releases, develop cohort materials
- Phase 4: Scaling & Delivery (August-September) Maintain content momentum, complete final documentation, finalize cohort identity materials

Non-YSN Content:

- Phase 1: Foundation (March) Research, content strategy development
- Phase 2: Discovery & Initial Launch (April-May) Explore and test content ideas, release initial youth-centric nature content
- Phase 3: Development & Production (June-July) Regular creation and release of youth-focused nature stories, develop content series
- Phase 4: Scaling & Delivery (August-September) Scale up content production, finalize series, prepare comprehensive content packages



YSN Creative Suite Project

Project Workstreams & Roles

Design Team (2-3 pax):

- Design & Illustration: Create visual identity, themed illustrations, design implementation

Content Team (2-3 pax):

- Visual Content: Photography, videography, editing, documentation
- Content Creation: Writing, social media content, community liaison

Note: All team members share responsibility for project coordination, quality checks, and timelines within their respective areas. While members may focus on certain aspects, the project encourages cross-functional learning and collaboration – everyone will have opportunities to experience and contribute to different aspects of both design and content creation. Roles and responsibilities will be flexible and adjusted based on team members' interests and strengths.

Find out more about YSN and sign up for your preferred project by **22 Nov 2026** at https://go.gov.sg/nparks-ysn