



Thailand

Hornbill Research · Forest Restoration



Hornbill
Specialist
Group



Thailand · A PlayGround for Scientists

Hornbill Research · Forest Restoration · Global Citizen

Through an inquiry into the keystone species supported by two National Parks and local researchers this camp is designed for students to understand that fragmentation of habitat results in loss of biodiversity. Students will investigate the role of keystone species in 2 locations, namely the northern Thai forest of Doi Suthep and a forest complex that includes Khao Yai an UNESCO World Heritage Site.

Furthermore students will compare and contrast two National Parks and through interactions with researchers and the locals plus learn why many elephants are in captivity in the north of Thailand compared to the wild elephants in Khao Yai. Campers will experience the adrenalin rush of the high ropes and three climbing, which will add some adventure and challenge in addition to the learning focus of the camp.

Finally students will be involved with various cultural activities during the camp, such as local Thai cooking, northern dance and drum show. Activities have been selected for students to get a glimpse into the fascinating Thai culture.



Hornbill Research Mahidol University

Since the 1970s researchers have monitored the 4 hornbill species who populate Khao Yai National Park.



Researchers climb trees to collect data from the nesting holes used by the birds. They map the nesting sites and observe the birds who are using the holes.

Students will walk in the forest learning from the researchers about this keystone species. In March – July most nest sites are occupied by birds allowing students to actively participate in data collection.

Forest Restoration Unit of Chiang Mai University

The Forest Restoration Unit (FORRU) has been active in the National Park since combining academic ecological research with tropical forest restoration.

FORRU is a good model for students to study since it encourages forest communities to be involved in forest restoration instead of deforesting.

Students will visit the restoration sites, the tree nursery and be involved with the seed saving project and data collection techniques employed by FORRU.



Responsibility as a Global citizen

International Schools have at their heart to develop students as global citizens. This learning journey will allow students to consider the UN SDGs especially Life on land (17) and Good health and wellbeing (3).

Students will be exposed to global issues being played out in the forest communities they visit. This experience will lead to a greater understanding of current issues concerning climate change, human impact, loss of biodiversity etc.

Skills for 21st Century

Our select camp activities will encourage students to:

- Work collaboratively
- Think critically
- Seek creative solutions
- Connect with academics
- Experience authentic learning
- Reflect on their investigations and participation



Beijing International Bilingual Academy Investigating keystone species in Northern Thailand

UNESCO World Heritage Site of Khao Yai National Park & ChiangMai

Dates – 28th March to 4th April, 2020

	Morning adventure	Afternoon adventure	Evening activity
Day 1 28 Mar	Travel day: Arrive CM International Airport, Transfer to accommodation, Orientation, Ice breaking , Team-building, Introduction. Welcome dinner in Lanna style with cultural drum and dance show.		
Day 2 29 Mar	Working with forest Restoration Unit Chiang Mai University at restoration plots, conservation work and understanding keystone species in Northern Thailand, role of drones in forest conservation		Thai cooking class + Night walk with bat detector
Day 3 30 Mar	Phoenix High rope adventure – seeing the forest from above	Investigating ecosystem of the rice paddy, (sweep net surveys, pond surveys, soil testing, observations) Webbing, bio blitz Working the buffalo and rice planting	Harvesting, foraging and Jungle cooking for dinner Interviewing researcher and watching footage of local camera traps
Day 4 31 Mar	Visit an elephant care center and learn why these beautiful animals are of high importance to Thai people and communities. Study the role of mahouts and elephants in captivity, the relationship between habitat loss and elephants in captivity. Furthermore learn about elephant medicine and help the local village doctor prepare a fresh batch. Finally watch the elephants bathe in the local river.		Return to accommodation and have dinner
Day 5 1 Apr	Reflection and team-building activities	Arts in Paradise. Great opportunity to take some awesome photos in 3D.	Dinner & Night Market Shopping
Day 6 2 Apr	Early morning flight to Bangkok, drive to Khao Yai National Park	Stream survey and creating water quality index using bio indicators Grassland investigation	Video to introduce Khao Yai UNESCO World Heritage site Teambuilding
Day 7 3 Apr	Working with hornbill researchers from Mahidol University. Roped Tree climbing to collect data on hornbill nests, Forest hiking	Data collection techniques and fieldwork skills including richness and diversity studies	Night safari
Day 8 4 Apr	Early morning gibbon walk	Depart for Beijing from Subvarnabhumi Airport Bangkok	

* Final schedule subject to change



Thailand

Thailand is located in the centre of mainland Southeast Asia. Located wholly within the tropics, Thailand encompasses diverse ecosystems, including the hilly forested areas of the northern frontier, the fertile rice fields of the central plains, the broad plateau of the northeast, and the rugged coasts along the narrow southern peninsula.

Having influences from many foreign countries, Thailand has undergone major architectural reforms. The magnificence of the architecture there holds strong to the culture of Thailand and can be realized in the ruins of many temples and palaces. From temples in typical Buddhist fashion in Ayutthaya to sky-soaring skyscrapers in Bangkok, Thailand is bound to captivate you at every turn. Bamboo and wooden houses built on stilts with rivers and canals flowing alongside them are simply awe-inspiring. Many European influenced buildings shop houses are dotted throughout Thailand's landscape. The capital city beautifully blends modern architecture with traditional ones



ChiangMai

Nestled in the northern Thai hills, Chiang Mai is considered the cultural heart of the country. Here you'll find a true blend of traditional customs and modern life as bicycle rickshaws share the roads with cars, students still wear traditional Lanna (northern Thai) clothing to school, and longstanding street stalls split space with trendy new cafes. ChiangMai has several respected universities in the area, and further this charming city is also a major academic destination and you'll have plenty of opportunities to take a range of unique region-specific courses and head out on varied field trips

Located 700 km (435 miles) north of Bangkok in a verdant valley on the banks of the Ping River, Chiang Mai was founded in 1296 as the capital of the ancient Lanna Kingdom.



Khao Yai

With over 2,000 square kilometers of spectacular national parkland, Khao Yai is a UNESCO World Heritage Site and is one of Thailand's most visited beauty spots. Just over two hours' drive from the metropolis of Bangkok, Khao Yai is a breath of fresh air with forests and grasslands, mountains, waterfalls and hiking and biking trails. To learn about Khao Yai Thailand is to discover a rich biodiversity, vineyards, tourist attractions and an incredible array of leisure activities.

Promising cooler air, Khao Yai, meaning 'Big Mountain', is a year-round destination for tourists and a popular vacation and holiday-home location for Bangkok's urbanites seeking a rural retreat. It is also the gateway from Central Thailand to Issan in the North-East which is the heart of Thailand's farming communities. Khao Yai National Park covers part of the Sankampaeng Mountain Range and the highest mountain in the park is Khao Rom at 1,351 meters.

The flora and fauna of Khao Yai makes it a world-class destination for Nature lovers with wild elephants, bears living in the national park. Whether enjoying a stay in monkeys and in the national park. Whether enjoying a stay in your holiday

