



St. Paul's School

MANIBUS POTENTIA STUDIUM ANIMIS

20th August 2015

Dear parents,

**IB BIOLOGY FIELD COURSE – UBATUBA AND PISSINGUABA STATE PARK  
SUNDAY 25TH OCTOBER – WEDNESDAY 28TH OCTOBER 2015**

As you are aware Fieldwork is an essential component of the IB Biology course. To meet the requirements of the IB we will be taking all of the U6 IB Biology students on a field trip to **Ubatuba and Pissinguaba State Park**. The trip is being organised jointly by St. Paul's and the travel agency *Chão Nosso*. The course has been designed to cover a significant proportion of the IB Biology Internal Assessment and covers most of the syllabus outlined in Topic 5 as well as Option C. Pupils will have the opportunity to study relevant ecosystems, ecological relationships, species succession and conservation. They will be using a variety of sampling techniques to collect data that they can then statistically analyse, draw conclusions from and evaluate.

We will be leaving from school on **Sunday 25th October at 8.30 am** and returning on **Wednesday 28th October at 2.30 pm**

The bus journey to Ubatuba will take approximately 3 hours. The bus will have a toilet and TV onboard. Pupils should have an early breakfast before leaving home and can bring snacks for the journey.

We will arrive at the Hotel Recanto das Toninhas on the mainland in Ubatuba where we will have lunch ([www.toninhas.com.br](http://www.toninhas.com.br)) at around 12.30 pm. The pupils will be allocated their rooms on the basis of 3 – 4 sharing. After checking in, the pupils will have a lecture on the TAMAR project with a biologist explaining the conservation of sea turtles. We will have dinner around 7 pm followed by an after-dinner study session in the classroom at the hotel.

On Monday and Tuesday after breakfast we will travel to Pissinguaba State Park where we will carry out the day's field work. The pupils will be provided with snacks and lunch for the day. We will return to Ubatuba late afternoon where we will have dinner followed by an evening classroom session. On Wednesday morning we have breakfast, pack and return to school. The bus will arrive back at school no later than 2.30 pm.

The weather at this time of year should be reasonably warm, dry and sunny during the day and a little cooler at night. However there is always the chance of rain so pupils should come prepared for all weather. We will be outside in a variety of ecosystems each day and nothing can be purchased on the island except drinks, therefore it is very important that the pupils bring all items

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on the enclosed kit list. Sun hats, sun block, insect repellent, a large umbrella and waterproof coat are essential. A small amount of money could be brought to buy canned drinks at meal times when we return to the mainland at the end of each day.

The three Biology teachers accompanying the trip will be Miss Knowles, Mr Ford and myself. There will also be two local guards from Ilha do Cardoso present during the field work activities and *Chão Nosso* will provide one coordinator and one monitor who are experts in the field of Ecological/Environmental research and Statistics.

Enclosed with this letter you will find a full itinerary of events, a kit list and the necessary forms for you to complete.

An authenticated copy of your child's ID card or passport will be required for travel. Please note that according to EMBRATUR the law is absolutely restrictive regarding documentation. Please make sure your child has the **original ID** (or the authenticated copy) with them during the trip. Without the correct documentation your child will not be allowed to travel.

**MEDICAL & CONTACT INFORMATION:** Parents must make sure the medical information and emergency contact information we hold about your child is up-to-date and contains all the relevant information for going on this trip. When the contracts were sent to parents last term we asked you to check the contact and medical information. If this has changed since then please inform us.

Please remember that during the Field Trip the pupils will be representing St. Paul's and we will be expecting them to behave responsibly the entire time.

The contact telephone numbers while we are away will be **99637-2981** and **99943-6233** but these should only be used in emergencies. If you have any further questions regarding the field course please do not hesitate to contact me at school by email on [cah@stpauls.br](mailto:cah@stpauls.br).

Yours sincerely,

Dr. Camila Hartmann  
Head of Biology

## UBATUBA STUDENT KIT LIST

- Long trousers (NOT jeans) x 3 (one old pair to wear once, then rinse afterwards following the mangrove trek).
- Long sleeved shirts x 3 (one old shirt to wear once, then rinse afterwards following the mangrove trek).
- T-shirts x 6 (two per day).
- Shorts x 2.
- Underwear (lots).
- Warm top (fleece or woolly jumper).
- Swimming costume.
- Beach towel – there will be opportunities for a swim and the hotel has a swimming pool.
- Walking boots.
- Good quality sports shoes with grip, for walking on the rocky shore (sandals are unsuitable).
- Sandals.
- Tennis shoes x 2 (one good quality for rocky shore, one old for mangrove).
- Waterproof jacket / poncho
- Large umbrella
- Broad-brimmed hat.
- Sunglasses.
- Sun lotion/ sun block.
- Small rucksack/daypack.
- Torch.
- Water bottle (1 litre).
- Toiletries.
- Personal medication.
- Insect repellent (we recommend Exposit).
- Full pencil case including coloured pencils, ruler and calculator.
- Waterproof plastic bag (Ziploc)

### OPTIONAL

- Camera.
- Laptop – recommended for getting the most out of the classroom sessions.
- Snacks to supplement your packed lunches.

I strongly advise you not to bring expensive items such as your iPhone, iPad, mp3 players, DVD players, expensive sunglasses, large sums of money and so on. **These are your responsibility. The school will not take any responsibility for their theft, loss or damage.**



St. Paul's School

MANIBUS POTENTIA STUDIUM ANIMIS

EXCURSÃO À UBATUBA DA CLASSE DE BIOLOGIA DO PROGRAMA  
IB  
DOMINGO 25 DE OUTUBRO A QUARTA 28 DE OUTUBRO 2015

*IB BIOLOGY FIELD COURSE - ILHA DO CARDOSO*

*SUNDAY 25TH OCTOBER – WEDNESDAY 28TH OCTOBER 2015*

**CANHOTO DE PERMISSÃO** (*Deve ser retornado até quarta-feira 21 de outubro à Dr. Hartmann*)

**CONSENT FORM** (*To be returned to Dr Hartmann by Wednesday 21st October*)

Autorizo meu filho(a) a participar da viagem acima. Estou ciente de que meu filho(a) participará da excursão e de que um membro da St. Paul's School poderá permitir que ele(a) receba tratamento médico. Concordo com esses termos. Confirmo que as informações médicas contidas no SchoolBase Online a respeito de meu filho estão corretas.

*I give my permission for my son or daughter to take part in the above trip. I understand that whilst my son or daughter is taking part on this expedition, that any member of St. Paul's School staff may need to give permission for them to receive Medical Treatment, and agree to this. I can confirm that my child's medical information that the School holds on SchoolBase Online is accurate.*

Nome do aluno | *Pupil's name* \_\_\_\_\_

Assinatura | *Signed* \_\_\_\_\_

Data | *Date* \_\_\_\_\_

It must be emphasised that, as well as being an exciting experience for your son or daughter they will be representing St. Paul's School. It is imperative that the pupils understand the need to abide by instructions to ensure their own safety and the smooth running of this Field Course. Should pupils decide not to abide by these expectations then the possibility exists that they may be returned home at the parents' expense. We would be grateful if you could reinforce this message at home.

Student's Signature \_\_\_\_\_

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