

Updated on the 4 January 2014

# A CLEAN AIR PLAN FOR OUR SCHOOL

There are now some periods of the year when we experience poor air quality in Shanghai and we know this is an issue of importance for many of our parents. At The British International School Shanghai Puxi Campus, we make every effort to ensure we provide a safe environment for our children to learn in and therefore have put the following systems and procedures in place.

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## **Honeywell** | Air Purifiers

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HONEYWELL AIR PURIFIERS HELP CAPTURE UP TO 95% OR MORE OF AIRBORNE PARTICLES  
*Every Honeywell model captures at least 95% or more of the small harmful particles (from 0.3 - 2 microns) that pass through the machines.*



*We monitor pollution levels on a regular basis during the course of each school day.*

COMMITTED TO  
HELPING OTHERS  
THRIVE

*The first Honeywell air purifiers will arrive on the 20 January and be fitted before the Chinese New Year. The remaining units will be installed after the short break.*

The British International School Shanghai Puxi Campus uses an air purification system in the Early Years Cubs which is currently being fitted throughout both primary and secondary schools; we use the Honeywell brand of purifiers which are ceiling fitted, serviced every term and replaced as needed. These are electronic air cleaners, rather than the less effective and lower cost filter based machines.

## TRANSPORT

School buses provided to the British International School Shanghai Puxi Campus are the same as other high capacity schools in the adjacent area, and include filters as part of the air-conditioning. The quality of these systems is always under review.

## AQI LEVELS

We monitor pollution levels on a regular basis during the course of each school day. I would like to advise you of our present air quality policy for outdoor activities, which follows

the implementation of new air quality reporting processes within Shanghai.

Local authorities measure a number of air pollutants which, together, form the AQI index. This index is measured at several sites around Shanghai. At our school, we combine the average readings of the three sites closest to our site the US Consulate, Shanghai Normal University and Dianshan Lake, to give us the AQI reading most appropriate for us. We review the AQI before school, before morning break, before lunchtime and before ECAs. then email the whole Puxi campus with the level and appropriate procedure for that period. The support staff team (school aya, security guards and maintenance men) are also sent text messages and communicated by “walkie talkie” who will take action accordingly by checking window and door closure, placing the appropriate coloured card on the doors to the playgrounds, and that all air purifiers are functioning.

THE FOLLOWING MEASURES WILL BE USED IN THE CASE OF INCREASED POLLUTION LEVELS

Level	AQI Index	Colour Door Cards	Air Quality Rank	Pupil Activities	Facility Procedures
1	0-100	Green	Superior/ Good	Normal Activities	Aerate doors and windows minimum of 20 minutes per day. Air Purifiers running on automatic setting
2	101-149	Yellow	Mild/ Moderate Pollution	Normal Activities	Doors and windows closed. Air Purifiers running on automatic setting
3	150-199	Yellow	Mild/ Moderate Pollution	Students with respiratory problems excused from outdoor activities	Doors and windows closed. Air Purifiers running on automatic setting
4	200-250	Red	Moderate- Heavy Pollution	Activities for Primary and Secondary Students restricted indoors. Outdoor ECAs, Sports tournaments cancelled.	Doors and windows closed. Air Purifiers running on automatic setting
5	251-299	Red	Moderate- Heavy Pollution	Activities for Primary and Secondary Students restricted indoors. High impact activities restricted. Outdoor ECAs, Sports tournaments cancelled, Shanghai day trips cancelled	Doors and windows closed, air purifiers running on highest level , twice daily checked by support staff.
6	>300	Red	High Pollution	Activities for Primary and Secondary Students restricted to indoors. No high impact activities. Outdoor ECAs Sports tournaments, Shanghai day trips cancelled	Doors and windows closed, air purifiers running on highest level, twice daily checked by support staff.

*Parents should keep the school informed of any medical conditions which mean their child should be added to the list of students to be kept inside in the 150-200 AQI band.*

*ECAs will not be cancelled. Alternative indoor activities will be put in place and students will still travel home on their expected ECA bus.*

# ACTIVITIES DURING INDOOR BREAKS & LUNCHTIMES

As much as possible we want children to remain motivated and enthused whilst indoors and with our new facilities we are able to provide more options for the children during indoor breaks and lunchtimes.

Use of DVDs during indoor breaks in Primary. As much as possible we aim to limit the use of DVDs during indoor break times and we would much

rather some “down time”, especially when they have been involved in active learning during lesson time. Therefore educational DVDs such as *Blue Planet*, *Walking with Dinosaurs*, *Blue Peter*, *Newsround*, etc., will be used on a restricted basis with the children. DVDs will always be chosen so they are relevant to the specific age range.

## PERSONS RESPONSIBLE

All class teachers are responsible for ensuring the windows and doors of their classrooms are closed during periods of poor air quality.

A member of the admin team is responsible for reporting the most up to date AQI reading on an hourly basis to staff via email.

Ayis are responsible for walking through school with a sign indicating whether or not it is an indoor break and then placing them on the main external doors .

The ayis and security guards are responsible for ensuring that all

external doors and windows are closed in shared areas of the building e.g. main entrance, halls, corridors, staff and meeting rooms.

Admin staff are responsible for closing the windows and doors of their own offices.

This is our present policy. We are actively exploring ways of improving the accuracy of local air monitoring using our own hand held meter and we will update you if the policy or the monitoring processes require and any further adjustment.

## HELPING OTHERS THRIVE

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