



Air Quality Index (AQI) Guidelines

At The British School of Beijing, Shunyi, the health, safety and wellbeing of our students and staff is always our top priority and we therefore follow procedures to protect ourselves during times of poor air quality. In addition, the Beijing Education Commission requires schools to maintain good air circulation indoors for the health and well-being of students and teachers.

The following systems and procedures are in place in this regard:

1. The campus uses three air purification systems in unison across the entire school.
2. We use the Beacon brand of filters in our central air conditioning system, and we have installed high-specification ceiling-mounted Daikin brand air filters in our classrooms, aimed at reducing the classroom AQI to no more than 10 µg/m³. Each EYFS classroom is also equipped with a portable air filter as an extra precaution.
3. Our foyer areas feature positive pressure systems over all entrances and a large-scale IQ Air filter over the entrance to the multi-purpose room.
4. Student school buses include filters as part of the air-conditioning. The quality of these systems is always under review.
5. Outdoor AQI measurements that we use are from the World Air Quality Index (<http://aqicn.org/city/beijing/shunyixincheng/>). This refers to air quality measurement stations nearby our school and from the US Embassy official site. If there is any doubt, the principal will make the decision as to whether we may take classes outdoors.
6. We use an AQI alert system using Green, Amber, and Red flags. The AQI is checked at 2-hour intervals during the day and an email alert is sent to all staff if the AQI moves to an amber or red zone. We have flags at exit doors which indicate the current AQI level and flags are changed if the air quality index moves to a different colour.
7. In line with the ISAC agreement among Beijing International Schools, an outdoor sports tournament will not begin where the AQI is 201 or above, with a 6:15am notification from the hosting school. Any sports tournament must end if the AQI moves above this level during the event. The Sports Dome allows for PE, sport and play to continue even on the worst of weather conditions.

The guidelines on the following page will be applied based on the Air Quality Index (AQI).



Level	Air Quality Index (AQI)	Flag Colour	Air Quality Ranking	Student Activities	Facility Procedures
1	≤100	Green	Superior-Good	Normal Activities	Aerate doors and windows minimum 3 times a day, 30 minutes each time. Air Purifiers running on low setting.
2	101-150	Green	Mild-moderate Pollution	Normal Activities	Aerate doors and windows minimum 3 times a day, 30 minutes each time. Air Purifiers running on low setting.
3	151-180	Green	Mild-moderate Pollution	Teddies and Nursery have limited outdoor play (maximum 2 x 20 minutes per day)	Aerate doors and windows at least once, for 30 minutes each time, when there are no students in the classroom. Air Purifiers running on low setting. The cleaning team will aerate twice after school and before school.
				Students with respiratory problems excused from outdoor activities	
4	181-200	Green	Moderate-heavy pollution	Teddies, Nursery & Reception outdoor activities cancelled	Aerate doors and windows at least once, 30 minutes each time when there are no students in the classroom. Air Purifiers running on low setting. The cleaning team will aerate twice before and after school.
				Students are restricted from high impact activities outdoors.	
5	201-250	Amber	Moderate-heavy pollution	Activities restricted to indoors only. Outdoors CCAs moved to indoors.	Doors and windows must be closed. Air Purifiers running on high setting. The cleaning team will aerate before and after school each day.
6	251-300	Red	Moderate-heavy pollution	Activities restricted to indoors. High impact activities restricted. Sports tournaments, outdoor CCAs cancelled	Doors and windows must be closed. Air Purifiers running on high setting. The cleaning team will aerate before and after school each day.
7	>300	Red	High level of pollution	Activities restricted to indoors. Students with respiratory problems excused from indoor activities. High impact activities restricted. Sports tournaments, outdoor CCAs and outdoor day trips cancelled	Doors and windows must be closed. Air Purifiers running on high setting. The cleaning team will aerate before and after school each day. Facilities team will check twice daily.

Activities during indoor break or lunch.

We will ensure that students have a relaxing break time and enjoy a range of activities whilst remaining indoors.

- **Soft Play Room:** EYFS have access to our soft playroom, a safe indoor space where our youngest students can play and climb safely indoors.
- **Gym & Sports Dome:** During indoor play time the sports dome, gym and other indoor spaces may be made available to the student to socialise & play under supervision.
- **Library:** Pupils can use the library facilities and access our fantastic range of books, whilst supervised by an adult.
- **Classroom Spaces:** We limit the use of electronic devices during indoor break times and encourage a range of relaxing activities. Educational videos such as Blue Planet, Walking with Dinosaurs, Blue Peter, Newsround, and other age-specific videos may be shown alongside a range of other activities.

Updated: January 2024



空气质量指数 (AQI) 指南

在北京英国学校-顺义校区，学生和教职员工的健康、安全和福祉始终是我们的首要任务，因此，在空气质量不佳期间，我们遵循程序保护自己。此外，北京市教委要求学校保持室内空气流通，以保障学生和教师的健康和福祉。

在这方面，制定了以下制度和程序：

1. BSB 采用三套空气净化系统，覆盖全校。
2. 首先，我们在中央空调系统中使用了 Beacon 品牌的过滤器，还在所有教室都安装了高规格的吸顶式大金 (Daikin) 品牌空气过滤器，旨在将教室中的空气质量指数 (AQI) 降低至不超过 $10\mu\text{g}/\text{m}^3$ 。所有幼儿园教室还配备了便携式空气过滤器，进一步确保呼吸健康。
3. 我们的大厅区域在所有入口处均装有正压系统，在多功能厅入口处配有大型 IQ 空气过滤器。
4. 学生校车确保空调装有过滤器同时经常更换。此外，我们确保检查这些系统的质量。
5. BSB 使用的室外空气质量指数测量值来自全球空气质量指数。
(<http://aqicn.org/city/beijing/shunyixincheng/>)。空气质量指数的数据来自学校附近和美国大使馆官方网站的空气质量测量站。如果怀疑空气质量不好，校长将决定我们是否可在户外上课。
6. 我们使用带有绿色、黄色和红色标志的 AQI 警报系统。白天每隔 2 小时检查一次 AQI，如果 AQI 移至琥珀色或红色区域，则会向所有员工发送电子邮件警报。我们在出口处设有旗帜，指示当前的 AQI 水平，如果空气质量指数变为不同颜色，旗帜就会改变。
7. 根据北京国际学校之间的国际学校联盟 (ISAC) 协议，如果空气质量指数为 251 或以上，主办学校将通过在早上 6:15 发出通知取消户外运动比赛。如果空气质量指数在比赛期间达到不可接受的水平，所有体育比赛都必须立即取消。学生们会在体育气膜馆中进行比赛。即使是在最恶劣的天气条件下，体育、运动和娱乐活动也可在气膜馆中继续进行。

以下指南将根据空气质量指数 (AQI) 应用：



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室内休息时间的活动

我们希望孩子们在室内尽可能保持积极和热情。我们借助室内设备，能够在室内休息时间和午餐时间为孩子们提供更多选择。

- **软游戏室：** 幼儿园学生可使用软游戏室。我们年龄最小的学生可在安全室内游戏室中游戏和攀爬。
- **体育馆、多功能厅：** 在室内活动期间，学生在指导下可在气膜馆、体育馆和其他室内场地游戏和活动。
- **图书馆（按年龄段设置）：** 学生可以在成人监督下使用图书馆设施并看我们丰富的书籍。
- **教室空间：** 我们限制在室内休息时间使用电子设备，并鼓励开展一系列放松活动。教育视频，如《蓝色星球》、《与恐龙同行》、《蓝色彼得》、《Newsround》和其他针对年龄的视频，可能会与一系列其他活动一起展示。