



POWIIS Primary

Air Pollution Policy

POLICY CODE	4.4
POLICY NAME	Air Pollution Policy
APPROVAL AUTHORITY	Principal
RESPONSIBLE DEPARTMENT(S)	All
REVIEWED ON	Jul 2019
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DEVELOPED BY/AUTHOR	MSD



Air Pollution Policy

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Objective

The school monitors our surrounding environment to ensure we take all reasonable precautions to keep children safe at school. The University of Science Malaysia (USM) provides an air pollution forecast service – USM, Pulau Pinang Air Pollution: Real-time Air Quality Index (AQI). The school always follows the advice offered by the government.

We access Penang data on air pollution from:
<https://aqicn.org/city/malaysia/pulau-pinang/usm>

Please see the annotated website page for an explanation of what data we access for our decision making.

School Response

The school's response to air pollution depends on the age of students, type of activity and length of potential exposure. The grid at the end of this document defines our various responses to real-time concentrations of particles in the atmosphere as measured at our local monitoring station. In addition, AQI figures are responded to when they reach what are defined by the index as in the 'Red' zone.



POWIIS Primary School's AIR POLLUTION RESPONSE

AIR QUALITY		ACTIVITY TYPES AND RECOMMENDATIONS			
Real time PM ₁₀ $\mu\text{g}/\text{m}^3$		Real time Air Quality Level	Before School (10mins), Morning Break (20mins), Lunch Break (25mins) Outdoor Learning (45mins)	Outdoor active ECA / PE (max 45 mins for PE)	Off-site Scheduled Activities (eg Sports Days, Sports Fixtures, Educational Visits and Outdoor Community Events)
0-50		Good	Normal	Normal	Normal
		Moderate	Normal	Normal	Unusually sensitive students and adults should limit intense physical activities.
50 - 100		Unhealthy for sensitive groups	All students may engage in outdoor activity for short periods of time.	Early Years and Years 1-2 active ECA and PE classes cancelled or rescheduled inside.	All Off-site Scheduled Activities to go ahead, except for outdoor Sports for Early Years and Years 1-2.
			Students and adults with respiratory problems to stay indoors.	Students and adults with respiratory problems to stay indoors.	Students and adults with respiratory problems only allowed to indoor venues.
100 – 125		Unhealthy for sensitive groups	Early Years and Years 1-2 students stay indoors.	Early Years and Years 1-2 active ECA and PE classes cancelled or rescheduled inside.	Outdoor Off-site Scheduled Activities cancelled or relocated indoors for Early Years and Years 1-2.
			Students and adults with respiratory problems to stay indoors.	Students and adults with respiratory problems should stay indoors.	Students and adults with respiratory problems reviewed on a case-by-case basis.
125 and above (and / or AQI Index readings in the red)		Unhealthy	All students stay indoors. Windows and doors closed.	All student activities indoors. Windows and doors closed.	All outdoor Off-site Scheduled Activities cancelled or relocated indoors.
					Off-site Scheduled Activities to indoor venues to go ahead after review of current and forecast conditions. Students and adults with respiratory problems reviewed on a case-by-case basis.



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