

LIS AQI and Heat Policy

AQI – (aqicn.org)

- The standard for indoor recess, indoor PE classes and cancellation of outdoor activities (CISAsports games) is 200.
- The standard for indoor recess for Early Years and reduced activity recess for Y1-13 will be 150. Reduced activity recess will be enforced by duty supervisors. Students may partake in passive activities, such as shooting a basketball, but should be discouraged from running.
- The figure shall be taken from the nearest current monitoring station which is Yong'an Primary School from the hour prior to recess/activity. For morning break it will be 9am reading and for lunch recess it will be 12pm. If not updated then we take the reading from the next nearest station.

HEAT – (NOAA Index and taken from the weather channel app)

- The standard for indoor recess, indoor PE classes and cancellation of outdoor activities (CISAsports games) is a relative heat feel of 38°C.
- The standard for indoor recess for Early Years and reduced activity recess for Y1-13 is a relative heat feel of 35°C. Reduced activity recess will be enforced by duty supervisors with regard to encouragement of fluid intake, taking shade, wearing of hats etc.
- The figure shall be taken from the temperature and relative humidity predicted on the weather channel app for the time of the recess or activity.

COLD/RAIN - (There is currently no predictor in use. The call on whether recess is indoors or outdoors is made by the Head of Operations, EY Coordinator and similarly by PE Teachers for PE Classes with regard to the safety of individual areas)

1. *With regard to the figures above, PE teachers and Head of Operations for Early Years may decide to keep children inside for class/recess at a lower aqi/temperature reading but not at a higher one than the defined standard.*
2. *The school nurse will email all staff the aqi reading each morning once it is over 130.*
3. *The head of operations will notify all staff of the temperature if it is predicted to be 35°C or over.*
4. *The school acknowledges that there is no definitive "safe" figure for air pollution or heat index, but believes these figures represent current best practice in balancing the harmful weather effects on the health of our students and staff, with the negative effects of inactivity/lack of daylight on the health of our students and staff.*
5. *The school highly recommends the wearing of masks during winter months (and currently because of Covid-19 but not for active play or PE), and hats during summer months. Duty supervisors are also allowed to wear hats.*
6. *Pupils should be encouraged to find shade on hot days if the heat index is near the threshold or there is strong sunshine.*
7. *All indoor recess must be supervised in homerooms.*

NOAA's National Weather Service Heat Index

		Temperature °F (°C)															
		80(27)	82(28)	84(29)	86(30)	88(31)	90(32)	92(34)	94(34)	96(36)	98(37)	100(38)	102(39)	104(40)	106(41)	108(43)	110(47)
Relative Humidity (%)	40	80(27)	81(27)	83(28)	85(29)	88(31)	91(33)	94(34)	97(36)	101(38)	105(41)	109(43)	114(46)	119(48)	124(51)	130(54)	136(58)
	45	80(27)	82(28)	84(29)	87(31)	89(32)	93(34)	96(36)	100(38)	104(40)	109(43)	114(46)	119(48)	124(51)	130(50)	137(58)	
	50	80(27)	83(28)	85(29)	88(31)	91(33)	95(35)	99(37)	103(39)	108(42)	113(45)	118(48)	124(51)	131(55)	137(58)		
	55	80(27)	84(29)	86(30)	89(32)	93(34)	97(36)	101(38)	106(41)	112(44)	117(47)	124(51)	130(54)	137(58)			
	60	82(28)	84(29)	88(31)	91(33)	95(35)	100(38)	105(41)	110(43)	116(47)	123(51)	129(54)	137(58)				
	65	82(28)	85(29)	89(32)	93(34)	98(37)	103(39)	108(43)	114(46)	121(49)	128(53)	136(58)					
	70	82(28)	86(30)	90(32)	95(35)	100(38)	105(41)	112(46)	119(48)	126(52)	134(57)						
	75	84(29)	88(31)	92(33)	97(36)	103(39)	109(43)	116(47)	124(51)	132(56)							
	80	84(29)	89(32)	94(34)	100(38)	106(41)	113(45)	121(49)	129(54)								
	85	84(29)	90(32)	96(36)	102(39)	110(43)	117(47)	126(52)	135(57)								
	90	86(30)	91(33)	98(37)	105(41)	113(45)	122(50)	131(55)									
95	86(30)	93(34)	100(38)	108(42)	117(47)	127(53)											
100	87(31)	95(35)	103(39)	112(44)	121(49)	132(56)											

Likelihood of Heat Disorders with Prolonged Exposure or Strenuous Activity

Caution	Extreme Caution	Danger	Extreme Danger
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Adapted from NOAA (2002)