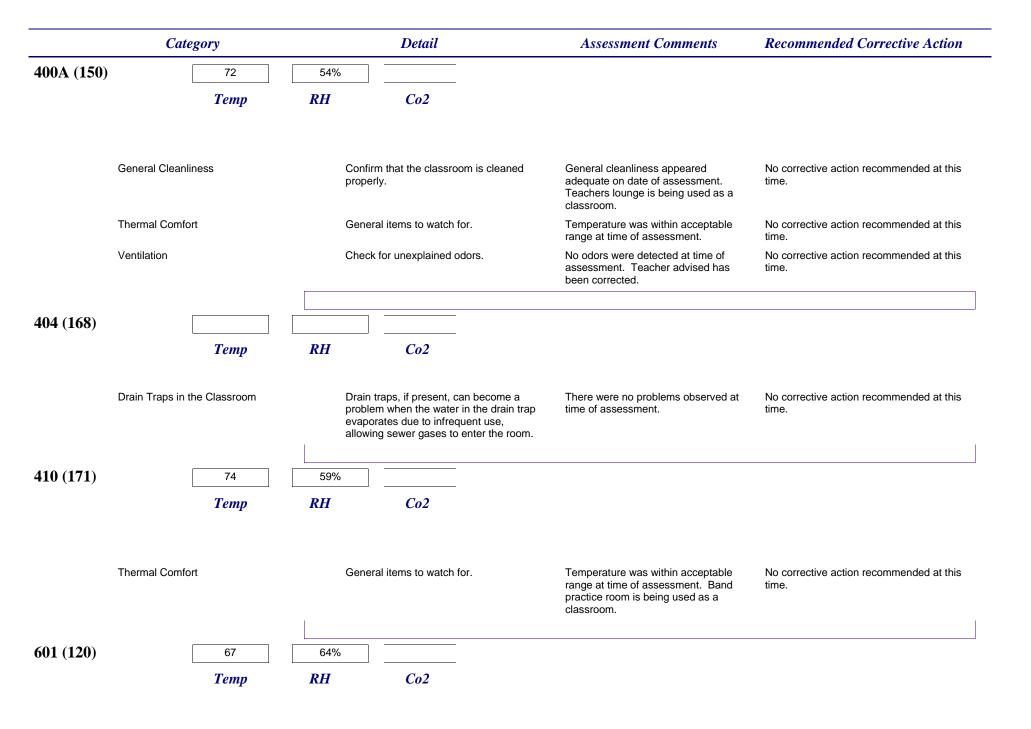
Apollo Middle				Outdoor Parameter Measurements: WalkthroughDate: 4/23/2004		RH Col 60%	
	Category			Detail	Assessment Comments	Recommend	led Corrective Action
180		Temp	RH	 Co2			
	Combustion Ap	pliances		eck for backdrafting of combustion liances.	There were no problems observed at time of assessment.	No corrective a time.	ction recommended at this
82		76	51%]			
		Temp	RH	Co2			
	Excess Moisture	e in Classrooms		ndensate (condensed water, or "fog") cold surfaces.	There were no problems observed at time of assessment.	No corrective a time.	ction recommended at this
	Excess Moisture in Classrooms General Cleanliness			eck for leaks or signs of moisture from mbing or roofs.	There were no problems observed at time of assessment.	No corrective a time.	ction recommended at this
			Cle	an spills promptly.	There were no problems observed at time of assessment.	No corrective action recommended at t time.	
	General Cleanli	ness	Che	eck for pests.	There were no problems observed at time of assessment.	No corrective a time.	ction recommended at this
	General Cleanliness			nfirm that the classroom is cleaned perly.	Dust accumulation was observed on environmental surfaces. Flooring stained and dirty.		hould thorougly clean all surfaces within classroom vax flooring.
	Thermal Comfo	rt	Hu	nidity level.	The humidity was 51% at the time of assessment. The desired humidity level is below 60%.	No corrective a time.	ction recommended at this
83		74	51%				
		Temp	RH	Co2			
	Thermal Comfo	rt	Ge	neral items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective a time.	ction recommended at this
	Ventilation		Che	eck for unexplained odors.	There were no problems observed at time of assessment.		ction recommended at this

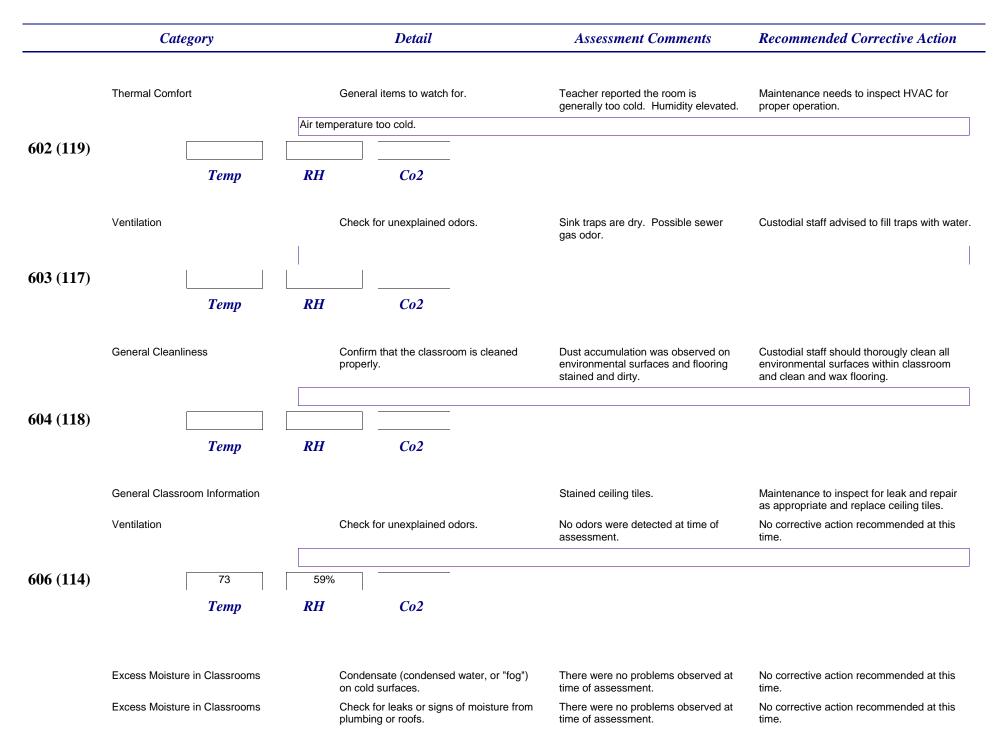
	Category	Detail	Assessment Comments	Recommended Corrective Action
	Ventilation	Determine how your classroom is ventilated.	Central HVAC system.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	Return air grill is functioning properly.	No corrective action recommended at this time.
184	75 <i>Temp</i>	52% RH Co2		

Local Exhaust Fans	3	Gene	eral Items.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Local Exhaust Fans	3		irm that fume hoods and local ust fans function properly.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Thermal Comfort		Hum	idity level.	The humidity was 52% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
Thermal Comfort		Gene	eral items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
Ventilation		Cheo	k for unexplained odors.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Ventilation			rmine how your classroom is lated.	Central HVAC system.	No corrective action recommended at this time.
Ventilation		confi	a have mechanical ventilation, rm that air is flowing into the roor the air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at this time.
Ventilation		confi	u have mechanical ventilation, rm that air is flowing from the roo he air return grille(s).	Return air grill is functioning properly.	No corrective action recommended at this time.
	76	52%			
	Temp	RH	Co2		

	Category	Detail	Assessment Comments	Recommended Corrective Action
	General Cleanliness	Clean spills promptly.		
	General Cleanliness	Check for pests.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	General Cleanliness	Confirm that the classroom is cleaned properly.	Dust accumulation was observed on environmental surfaces and flooring is stained and dirty. Temperature was within acceptable range at time of assessment. The humidity was 52% at the time of assessment. The desired humidity level is below 60%.	Custodial staff should thorougly clean all environmental surfaces within classroom and clean and wax flooring. No corrective action recommended at this time. No corrective action recommended at this time.
	Thermal Comfort	General items to watch for.		
	Thermal Comfort	Humidity level.		
212				
	Temp	RH Co2		
	Science Supplies	Follow good safety, handling, and storage practices.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
213	73	53%		
		RH Co2		

Local Exhaust Fans	General items.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Ventilation	Check for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.
Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	Return air grill is functioning properly.	No corrective action recommended at this time.
Ventilation	Determine how your classroom is ventilated.	Central HVAC system.	No corrective action recommended at this time.
Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at this time.





	Category	Detail	Assessment Comments	Recommended Corrective Action	
General Cleanliness		Confirm that the classroom is cleaned properly.	Dust accumulation was observed on environmental surfaces and stained and dirty flooring.	Custodial staff should thorougly clean all environmental surfaces within classroom and clean and wax flooring.	
	Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.	
701 (122)	Temp	RH Co2			
	Drain Traps in the Classroom	Drain traps, if present, can become a problem when the water in the drain trap evaporates due to infrequent use, allowing sewer gases to enter the room.	Water in traps but drains slowly.	Clean strainers in sink.	
General Cleanliness		Confirm that the classroom is cleaned properly.	Dust accumulation was observed on environmental surfaces and stained and dirty flooring.	Custodial staff should thorougly clean all environmental surfaces within classroom and clean and wax flooring.	
/02 (116)	69	60%			
	Temp	RH Co2			
	Drain Traps in the Classroom	Drain traps, if present, can become a problem when the water in the drain trap evaporates due to infrequent use, allowing sewer gases to enter the room.	There were no problems observed at time of assessment.	No corrective action recommended at this time.	
	General Cleanliness	Confirm that the classroom is cleaned properly.	Dust accumulation was observed on environmental surfaces and stained and dirty flooring.	Custodial staff should thorougly clean all environmental surfaces within classroom and clean and wax flooring.	
	Thermal Comfort	General items to watch for.	Room too cold and humidity slightly elevated.	Check HVAC for proper operation.	
03 (113)	74 <i>Temp</i>	55% RH Co2			

Category		Detail	Assessment Comments	Recommended Corrective Action
	Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
704 (111)	72 Temp	55% RH Co2		
	Thermal Comfort Thermal Comfort	Humidity level. General items to watch for.		
705 (110)	Temp	RH Co2		
	Industrial and Vocational Education Supplies	Follow good safety, handling and storage practices.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Local Exhaust Fans	Confirm that fume hoods and local exhaust fans function properly.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	Return air grill is functioning properly.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at this time.
	Ventilation	Determine how your classroom is ventilated.	Central HVAC system	No corrective action recommended at this time.
709 (137)	77 Temp	53% RH Co2		

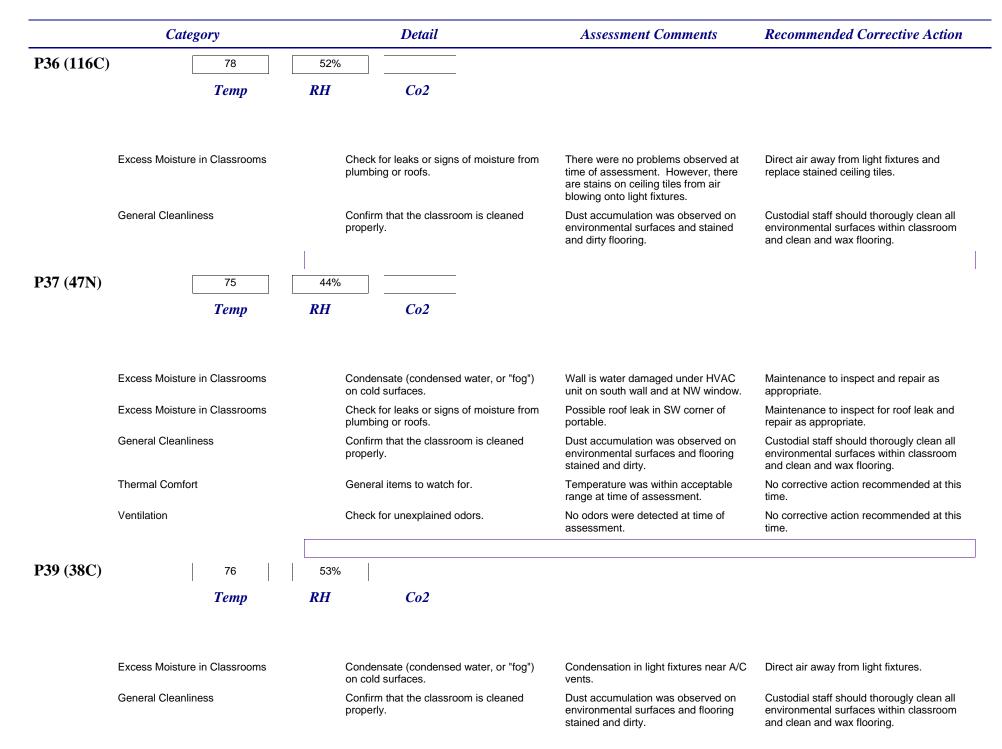
	Category	Detail	Assessment Comments	Recommended Corrective Action
	Drain Traps in the Classroom	Drain traps, if present, can become a problem when the water in the drain trap evaporates due to infrequent use, allowing sewer gases to enter the room.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Check for leaks or signs of moisture from plumbing or roofs.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Condensate (condensed water, or "fog") on cold surfaces.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	General Cleanliness	Clean spills promptly.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	General Cleanliness	Check for pests.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	General Cleanliness	Confirm that the classroom is cleaned properly.	Dust accumulation was observed on environmental surfaces and stained and dirty flooring.	Custodial staff should thorougly clean all environmental surfaces within classroom and clean and wax flooring.
	Local Exhaust Fans	Confirm that fume hoods and local exhaust fans function properly.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Local Exhaust Fans	General Items.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Thermal Comfort	Humidity level.	The humidity was 53% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
	Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	HVAC not working properly.	See other item.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	A/C not working properly.	See other item.
	Ventilation	Determine how your classroom is ventilated.	A/C not working properly.	Maintenance needs to inspect HVAC and repair.
710 (149)	79	48%		
. ,	Тетр	RH Co2		

Category			Detail	Assessment Comments	Recommended Corrective Action	
Thermal Comfort		General	items to watch for.	Temperature was within acceptable range at time of assessment. Teacher advised that the room is hot and stuffy during 5th and 6th hour.	Check HVAC for proper operation.	
802 (147)	Temp	RH	 Co2			
	Excess Moisture in Classrooms		sate (condensed water, or "fog") surfaces.	There were no problems observed at time of assessment.	No corrective action recommended at this time.	
	Excess Moisture in Classrooms		or leaks or signs of moisture from g or roofs.	There were no problems observed at time of assessment.	No corrective action recommended at this time.	
	Ventilation	confirm	ave mechanical ventilation, that air is flowing from the room air return grille(s).	Return air grill is functioning properly.	No corrective action recommended at this time.	
	Ventilation	Check for	or unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.	
	Ventilation	Determi ventilate	ne how your classroom is d.	Central HVAC system.	No corrective action recommended at this time.	
	Ventilation	confirm	ave mechanical ventilation, that air is flowing into the room a air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at this time.	
803 (145)	74 <i>Temp</i>	53% <i>RH</i>	 Co2			
	Excess Moisture in Classrooms	weeks. Check fo	cough that hasn't stopped in 2 or leaks or signs of moisture from	There were no problems observed at time of assessment.	No corrective action recommended at this time.	
	General Cleanliness		g or roofs. pills promptly.	There were no problems observed at	No corrective action recommended at this	
	General Cleanliness	Confirm properly	that the classroom is cleaned	time of assessment. Dust accumulation was observed on environmental surfaces and flooring stained and dirty.	time. Custodial staff should thorougly clean all environmental surfaces within classroom and clean and wax flooring.	
	Thermal Comfort	General	items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.	
	Ventilation	Check for	or unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.	

	Category	Detail	Assessment Comments	Recommended Corrective Action
	Ventilation	If you have mechanical ventilation, confirm that air is flowing from the ro into the air return grille(s).	Return air grill is functioning properly. om	No corrective action recommended at this time.
805 (136)	Temp	55% Co2		
	Excess Moisture in Classrooms	Check for leaks or signs of moisture plumbing or roofs.	from There were no problems observed at time of assessment.	No corrective action recommended at thi time.
	General Classroom Information		Dust accumulation was observed on environmental surfaces and flooring stained and dirty.	Custodial staff should thorougly clean all environmental surfaces within classroom and clean and wax floor.
	General Cleanliness	Check for pests.	There were no problems observed at time of assessment.	No corrective action recommended at th time.
	Thermal Comfort	Humidity level.	The humidity was 55% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at th time.
	Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at th time.
	Ventilation	Check for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at th time.
809 (130)		56%		
	Temp	RH Co2		
		It is important to sweep and mop the floors every night. My concern is tha room sometimes feels warm in the morning and other times it is cold the again. It feels uncomfortable when t temperature is constantly changing.	at the	
	Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at th time.
	Thermal Comfort	Humidity level.	The humidity was 56% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at th time.

Category		Detail		Assessment Comments	Recommended Corrective Actio	
Gym						
		Temp	RH	Co2		
	Excess Moisture in Classrooms			neck for leaks or signs of moisture from umbing or roofs.	There were no problems observed at time of assessment. Previous leak from chilled water pipe has been repaired.	No corrective action recommended at thi time.
	Excess Moistu	re in Classrooms		ondensate (condensed water, or "fog") n cold surfaces.	There were no problems observed at time of assessment.	No corrective action recommended at th time.
	Ventilation		Determine how your classroom is ventilated.		Central HVAC system.	No corrective action recommended at this time.
Nurse						
		Temp	RH	Co2		
	Ventilation		Cł	neck for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at th time.
	Ventilation			etermine how your classroom is ntilated.	Central HVAC system with ceiling supply and return air through door vents.	No corrective action recommended at th time.
	Ventilation		co	you have mechanical ventilation, nfirm that air is flowing from the room to the air return grille(s).	Return air grill is functioning properly.	No corrective action recommended at th time.
Ventilation		co	you have mechanical ventilation, onfirm that air is flowing into the room om the air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at th time.	
P26 (815C))	79	52%			
		Temp	RH	Co2		
Thermal Comfort		Ge	eneral items to watch for.	Temperature was within acceptable range at time of assessment.		
	Ventilation		co	you have mechanical ventilation, nfirm that air is flowing into the room om the air supply vent(s).	2 Wall mounted A/C units and one was turned off.	No corrective action recommended at th time.

Category		Detail		Assessment Comments	Recommended Corrective Actio	
P32 (176N)						
	Temp	RH	<i>Co2</i>			
Exces	s Moisture in Classrooms		densate (condensed water, or "fog") old surfaces.	There were no problems observed at time of assessment.	No corrective action recommended at th time.	
Gener	al Classroom Information			Glue from floor tile was seeping through joints in tile. Cleaning procedures have been changed and it is no longer a problem.	No corrective action recommended at th time.	
233 (245CX)	77	51%]			
	Temp	RH	Co2			
Exces	s Moisture in Classrooms		ck for leaks or signs of moisture from bing or roofs.	There were no problems observed at time of assessment. Stains on ceiling tiles are from condensation in light fixtures.	No corrective action recommended at th time.	
Exces	s Moisture in Classrooms	Condensate (condensed water, or "fog") on cold surfaces.		Condensation in light fixtures by A/C vents.	Direct air away from light fixtures and replace stained ceiling tiles.	
Gener	al Cleanliness	Clean spills promptly.		There were no problems observed at time of assessment.	No corrective action recommended at th time.	
Gener	al Cleanliness	Check for pests.		There were no problems observed at time of assessment.	No corrective action recommended at th time.	
Gener	al Cleanliness	Cont prop	irm that the classroom is cleaned erly.	Dust accumulation was observed on environmental surfaces and flooring stained and dirty.	Custodial staff should thorougly clean a environmental surfaces within classroor and clean and wax flooring.	
Thermal Comfort		Hum	idity level.	The humidity was 51% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at th time.	
Ventila	ation		rmine how your classroom is lated.	2 Wall mounted A/C units and one turned off.	No corrective action recommended at th time.	
Ventila	ation	conf	u have mechanical ventilation, irm that air is flowing into the room the air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at the time.	
Ventila	ation	Chee	ck for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at the time.	
Ventila	ation	lf yo confi	u have mechanical ventilation,	Return air grill is functioning properly.	No corrective action recommended at th time.	



	Category	Detail	Assessment Comments	Recommended Corrective Action
	Ventilation	Determine how your classroom is ventilated.	2 Wall mounted A/C units but only one was turned on at time of assessment.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Air is flowing into the room from the air supply vents.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	Return air grill is functioning properly.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	Teacher advised that odor is intermittent when the room gets hot and stuffy.	Advised to turn on both A/C units when the classroom is occupied.
• /				
Site				
	Тетр	RH Co2		
	General Site Info		Teachers and principal complained of HVAC operation and thermal comfort.	Check HVAC for proper operation.
		Hot and very cold rooms have not been	Teachers complained of HVAC and thermal comfort.	See other item for site.
	Excess Moisture	properly adjusted. Check for condensate (condensed water, or "fog") on cold surfaces.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Excess Moisture	Check for leaks (or signs of wetness) from plumbing or roof.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Local Exhaust Fans	Confirm that fans are used whenever activities that generate air pollutants take place.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Thermal Comfort	Check comfort factors.	Teachers complained of HVAC operation and thermal comfort.	See other item for site.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	There were no problems observed at time of assessment, however complaints of HVAC from most teachers.	See other item for site.
	Ventilation	Determine how your classroom is ventilated.	Teachers complained of HVAC operation and thermal comfort.	See other item for site.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room	Room 135 has extreme wind noise. Sounds like a jet engine.	Check HVAC for proper operation.