

# Sawgrass Springs Middle

## Outdoor Parameter Measurements:

WalkthroughDate: 5/12/2004

Temp

RH

Co2

78.5

57%

383

Category	Temp	RH	Co2	Detail	Assessment Comments	Recommended Corrective Action
<b>201</b>	72.7	58%	448			
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>			
Excess Moisture in Classrooms				Condensate (condensed water, or "fog") on cold surfaces.	Librarian stated that the room is very damp and the air handler is always going down. Also indicated dust is a problem. West wall by the window - paint is bubbling, drywall is damaged.	Repair the drywall as appropriate.
General Cleanliness				Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.
Thermal Comfort				General items to watch for.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Thermal Comfort				Humidity level.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Ventilation				Check for unexplained odors.	Return air register grill on the east wall is not functioning.	Maintenance needs to establish work order to irepair air register grill and implement appropriate corrective action.
				A/C is broken down too often and there is a moldy smell which is apparent upon entering the media center.		
<b>201 abcf</b>	72.7	58%	448			
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>			
Thermal Comfort				Humidity level.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Thermal Comfort				General items to watch for.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
				Air conditioner is broken too often.		
<b>205</b>	72.7	57%	930			
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>			
General Classroom Information					Room smells musty.	Remove carpet and install new tile floor.

	<i>Category</i>		<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
<b>306</b>	72.6	58%	827		
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>		
	Animals in the Classroom		Take special care with asthmatic or other sensitive students.	No animals in the classroom.	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.
	Excess Moisture in Classrooms		Check for leaks or signs of moisture from plumbing or roofs.	Water is leaking through the window on the south wall.	Repair the window as appropriate.
	General Cleanliness		Check for pests.	South window needs to be sealed. Ants entering through the cracks surrounding the window.	See other item to repair window on south wall.
	General Cleanliness		Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.
	General Cleanliness		Clean spills promptly.	Spills identified on the carpet.	See other item to replace carpet with floor tile.
	Thermal Comfort		General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
	Thermal Comfort		Humidity level.	The humidity was 58% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
	Ventilation		Determine how your classroom is ventilated.	Three air supply grills and two returns.	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.	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 classroom.	No corrective action recommended at this time.
	Ventilation		Check for unexplained odors.	Carpet is badly stained and soiled.	Remove carpet and install new floor tile.
			<p>Rooms are not cleaned well, too much humidity leads to mold and mildew. Rooms are especially bad after returning from summer break, mold and mildew is so bad that the effects last the entire year. The problem also damages books, overhead screens, etc. The mold and mildew grows in the teacher desks and closets as well.</p> <p>Filled out another survey: After returning from summer break my room is full of mold and mildew and everything smells and is ruined. Although I do not suffer too badly, some of my students have allergies and get migraine headaches!! Not to mention the \$\$\$ that is wasted since books, teachers desks, and projector screens are ruined!</p>		

	<i>Category</i>	<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
<b>316</b>	70.9 <i>Temp</i>	58% <i>RH</i>	501 <i>Co2</i>	
	General Cleanliness	Check for pests.	Animal droppings identified within the classroom and the storage closet.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
	General Cleanliness	Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date of assessment. Minor signs of dust and debris on the walls.	Clean walls as appropriate.
	Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment. Dust and debris on return air grill.	Maintenance needs to establish work order to inspect and clean return air grill.
	<p>The temperature in the classrooms is either too cold and very hard to function or too warm and smells musty. For some reason, trying to get the temp somewhere in between is a mystery. I have huge, black cockroaches in this classroom and I have not been in this particular classroom long enough to figure out yet if there is mold growing? The last classroom I was in (room 850) was very humid, had excess moisture, and sometimes had condensation on surfaces. Trying to hang students work was tough because the work, after a couple days, would fall due to the moisture in the air. The classrooms are never dusted to my knowledge and in my opinion vacuuming should be done at least once a week. Of course speaking only for my room - 316.</p>			
<b>320</b>	74.0 <i>Temp</i>	57% <i>RH</i>	1210 <i>Co2</i>	
	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 Classroom Information		Teacher reported desk no longer smells like mildew. Co2 was slightly elevated.	Maintenance to inspect and repair as appropriate to lower Co2 level.
<b>322</b>	76.7 <i>Temp</i>	53% <i>RH</i>	555 <i>Co2</i>	
	Animals in the Classroom	Take special care with asthmatic or other sensitive students.	No animals in the classroom.	No corrective action recommended at this time.

<i>Category</i>	<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
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	Condensate (condensed water, or "fog") on cold surfaces.	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. Air supply grills appear relatively clean. Return air grill in the ceiling had signs of dust and debris build up.	Maintenance needs to establish work order to inspect and clean return air grill.
Ventilation	Check for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.
The classrooms are kept too cold at times and then when the electricity happens to shut off you get a build up of moisture and humidity. Our custodians work very hard, it is a difficult job.			
323	<input type="text"/> <i>Temp</i>	<input type="text"/> <i>RH</i>	<input type="text"/> <i>Co2</i>
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 Classroom Information		Temperature was within acceptable range at time of assessment. Co2 was slightly elevated.	Maintenance to inspect and repair as appropriate to lower Co2 level.
Local Exhaust Fans	Confirm that fume hoods and local exhaust fans function properly.	Exhaust fan is functioning properly.	No corrective action recommended at this time.
Local Exhaust Fans	Confirm that fume hoods and local exhaust fans are used whenever activities that generate pollutants take place.	Exhaust fans are used when necessary.	No corrective action recommended at this time.
Thermal Comfort	Humidity level.	The humidity was 51% 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.

	<i>Category</i>	<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
<b>324</b>	73.6 <i>Temp</i>	49% <i>RH</i>	584 <i>Co2</i>	
	General Cleanliness	Confirm that the classroom is cleaned properly	Minor signs of dust and debris build up on the return air register grill and on the countertops.	No corrective action recommended at this time.
<b>334</b>	67.9 <i>Temp</i>	53% <i>RH</i>	525 <i>Co2</i>	
	Animals in the Classroom	Take special care with asthmatic or other sensitive students.	No animals in the classroom.	No corrective action recommended at this time.
	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	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 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.
	General Cleanliness	Clean spills promptly.	No spills identified.	No corrective action recommended at this time.
	General Cleanliness	Confirm that the classroom is cleaned properly	Classroom appears relatively clean. Ceiling tiles around air supply grill are dirty.	Remove dirty tiles and install new.
	Thermal Comfort	Humidity level.	The humidity was 53% at the time of assessment. The desired humidity level is below 60%. Temperature was too cold.	Location should consider slightly raising thermostat within this area.
	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 classroom from air supply vents.	No corrective action recommended at this time.
	Ventilation	Determine how your classroom is ventilated.	Three air supply grills and one return air register grill.	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).	Dust and debris was observed on the air return registers at the time of the assessment.	Maintenance needs to establish work order to inspect and clean return air grill.

<i>Category</i>	<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
<b>342</b>	<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">68.4</div> <div style="border: 1px solid black; padding: 2px;">60%</div> <div style="border: 1px solid black; padding: 2px;">525</div> </div> <p style="text-align: center;"><i>Temp</i>                      <i>RH</i>                      <i>Co2</i></p>		
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	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	General cleanliness appeared adequate on date of assessment. Ceiling tiles surrounding the air supply diffuser were dirty.	Remove ceiling tiles and replace.
Local Exhaust Fans	Confirm that fume hoods and local exhaust fans function properly.	Exhaust fans are functioning properly.	No corrective action recommended at this time.
Science Supplies	Follow good safety, handling, and storage practices.		Site based administration will provide information to site based staff.
Thermal Comfort	Humidity level.	The humidity was 61% at the time of assessment. The desired humidity level is below 60%.	Maintenance to evaluate HVAC system to lower humidity level.
Thermal Comfort	General items to watch for.	Temperature was too cold.	Location should consider slightly raising thermostat within this area.
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.
<b>344</b>	<div style="border: 1px solid black; width: 100%; height: 20px; margin-bottom: 5px;"></div> <div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 2px;">72.7</div> <div style="border: 1px solid black; padding: 2px;">59%</div> <div style="border: 1px solid black; padding: 2px;">799</div> </div> <p style="text-align: center;"><i>Temp</i>                      <i>RH</i>                      <i>Co2</i></p>		

	<i>Category</i>	<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
	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 Classroom Information		Teacher reported odor coming from carpet.	Maintenance to evaluate and remove carpet and install floor tiles.
	Thermal Comfort	Humidity level.	The humidity was 59% 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.	Dust and debris was observed on the return air grill at the time of the assessment.	Maintenance needs to establish work order to inspect and clean return air grill.
<b>348</b>				
	73.3	60%	740	
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>	
	General Classroom Information		Minor dust and debris was observed on the return air registers at the time of the assessment.	Custodial staff should clean and sanitize the air supply and return registers in this classroom.
	Maintain Student Health Records	Track health-related complaints by students and staff.	Surveys will be distributed to all the schools.	No corrective action recommended at this time.
	Maintain Student Health Records	Include information about sensitivities to IAQ problems in student health records.		
<b>351</b>				
	73.1	58%	978	
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>	
	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	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	No odors were detected at time of assessment. Carpet reveals signs of staining and soiling.	Remove carpet and install new tile floor.
			Primary concern is mold and mildew.	

	<i>Category</i>	<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
<b>354</b>	73.1 <i>Temp</i>	57% <i>RH</i>	2177 <i>Co2</i>	
	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.
	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 Classroom Information		Co2 level was slightly elevated at time of assessment.	Maintenance to inspect and repair as appropriate to lower Co2 level.
	General Cleanliness	Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date 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	Clean spills promptly.	Stains and soiling identified on the carpet.	Remove carpet and install new tile floor.
	Ventilation	Determine how your classroom is ventilated.	Two air supply diffusers and one return air register grill.	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).	Air is flowing into classroom from the air supply diffusers. Dust and debris on return air register grill.	Maintenance needs to establish work order to inspect and clean return air grill.
	Room needs to be dusted more often. I would like to see the dirty carpet removed and some sort of flooring in its place. The room needs to be painted.			
<b>523</b>				
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>	
	Health Officer's Office	Ensure that the ventilation system is properly operating.		
<b>805</b>	72.7 <i>Temp</i>	51% <i>RH</i>	1585 <i>Co2</i>	
	General Classroom Information		Co2 level was slightly elevated at time of assessment.	Maintenance to inspect and repair as appropriate to lower Co2 level.
	Ventilation	Check for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.



<i>Category</i>	<i>Detail</i>			<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>
<b>825</b>					
	73.4	54%	907		
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>		
	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	Confirm that the classroom is cleaned properly		General cleanliness appeared adequate on date of assessment. Minor dust and debris on return air register grill.	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.	
Thermal Comfort	Humidity level.		The humidity was 54% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.	
<b>833</b>					
	73.4	57%	652		
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>		
	Animals in the Classroom	Take special care with asthmatic or other sensitive students.		No animals in the classroom.	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	Check for pests.		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	Confirm that the classroom is cleaned properly		General cleanliness appeared adequate on date of assessment. Minor dust and debris on air supply diffuser.	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 classroom.	No corrective action recommended at this time.	
Ventilation	Determine how your classroom is ventilated.		Six air supply diffusers and one return air register.	No corrective action recommended at this time.	

<i>Category</i>	<i>Detail</i>			<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>	
<b>840</b>						
	73.1	52%	1288			
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>			
	General Classroom Information			Co2 level was slightly elevated at time of assessment.	Maintenance to inspect and repair as appropriate to lower Co2 level.	
	General Classroom Information			Dust and debris was observed on the air supply and return registers at the time of the assessment.	Maintenance needs to establish work order to inspect and clean air supply and return air grill.	
General Classroom Information			Carpeting is stained and soiled.	Remove carpet and install new tile floor.		
General Cleanliness		Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.		
<b>844</b>						
	73.9	58%	563			
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>			
	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	Confirm that the classroom is cleaned properly		General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.	
	Local Exhaust Fans	General items.		No local exhaust fan identified.	No corrective action recommended at this time.	
	Local Exhaust Fans	Confirm that fume hoods and local exhaust fans are used whenever activities that generate pollutants take place.		No local fan identified.	No corrective action recommended at this time.	
	Local Exhaust Fans	Confirm that fume hoods and local exhaust fans function properly.		No local exhaust fan identified.	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.		
Thermal Comfort	Humidity level.		The humidity was 58% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.		

<i>Category</i>	<i>Detail</i>	<i>Assessment Comments</i>	<i>Recommended Corrective Action</i>	
Ventilation	Determine how your classroom is ventilated.		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.	
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<b>850</b>	<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">73.4</div>	<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">58%</div>	<div style="border: 1px solid black; display: inline-block; padding: 2px 10px;">1072</div>	
	<i>Temp</i>	<i>RH</i>	<i>Co2</i>	
	General Classroom Information		Dust and debris was observed on the air supply and return registers at the time of the assessment.	Maintenance needs to establish work order to inspect and clean air supply and return air grill.
	General Classroom Information		Carpeting soiled.	Clean and sanitize carpeting.
General Classroom Information		Dirty ceiling tiles around air supply diffuser.	Install new ceiling tiles.	
Maintain Student Health Records	Include information about sensitivities to IAQ problems in student health records.		Site based administration will provide information to site based staff.	
<div style="border: 1px solid black; width: 100%; height: 20px; margin-top: 10px;"></div>				