

# Hallandale High

## IAQ Walkthrough 5/19/2005

Outside Temp  RH%  CO2

| FISH/Room | Participant Comments  | Response  | Recommendation   | Responsible | Priority |
|-----------|---|---|--|-------------|----------|
| 201       | Temp <input type="text" value="72.1"/> RH% <input type="text" value="61.9"/> CO2 <input type="text" value="1549"/>                | Occupants: <input type="text"/>   |  |             |          |
|           | <b>ANIMALS IN THE CLASSROOM</b>   |   |  |             |          |
|           | Activities and/or room conditions are modified to address student allergies?  |   | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based  | 3        |
|           | You are informed about the potential allergies of your students?  |   | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based  | 3        |
|           | Classroom is free of animals and pets?  | No animals identified at the time of assessment.  | None   | None        |          |
|           | <b>DRAIN TRAPS IN THE CLASSROOM</b>   |   |  |             |          |
|           | Water poured down floor drains once per week (approx. 1 quart of water).  | It appears as though water is poured down the floor drain at least once a week.                               | None   | None        |          |
|           | <b>GENERAL CLEANLINESS</b>  |   |  |             |          |
|           | Room is free of pests?  | No pests observed at the time of assessment.  | None   | None        |          |
|           | Room is free of the use of scented cleaners and air fresheners?   | No scented cleaners, air fresheners or non-approved chemicals found at the time of assessment.                | None   | None        |          |
|           | Classroom is dusted/vacuumed thoroughly and regularly?  | There does not appear to be a dusting issue within this room.   | None   | None        |          |
|           | Air supply/return registers are cleaned regularly and free of dust and debris accumulation?                                       | Dust observed on supply/return registers at the time of assessment.   | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based  | 2        |
|           | <b>THERMAL COMFORT</b>  |   |  |             |          |
|           | Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.) | Room is usually too cold for students and instructors. Students often complain about how COLD it is in class. | Humidity was acceptable at the time of assessment.   | None        | None     |

| FISH/Room | Participant Comments   |      |   | Response   | Recommendation                                     | Responsible | Priority   |   |
|-----------|--|------|---|--|--|-------------|------------|---|
| 201       | Temp   | 72.1 | RH%   | 61.9   | CO2  | 1549        | Occupants: |   |
|           | Classroom is free of significant temperature shifts?   |      | Room is usually to cold for students and instructors.<br>Students often complain about how COLD it is in class. | Temperature was acceptable at the time of assessment.  | None   | None        |            |   |
|           | Room is usually comfortable? (If no, please explain in the notes below.)                               |      | Room is usually to cold for students and instructors.<br>Students often complain about how COLD it is in class. | Temperature was acceptable at the time of assessment.  | None   | None        |            |   |
|           | Temperature in my classroom is generally comfortable (72F-76F)?  |      | Room is usually to cold for students and instructors.<br>Students often complain about how COLD it is in class. | Temperature was acceptable at the time of assessment.  | None   | None        |            |   |
|           | Room is free of the introduction of outdoor air? (Gaps in window/door frames.)                         |      | Room is usually to cold for students and instructors.<br>Students often complain about how COLD it is in class. | No gaps in windows or doors identified at the time of assessment.                              | None   | None        |            |   |
| 320       | Temp   | 72.9 | RH%   | 63.7   | CO2  | 1576        | Occupants: |   |
|           | <b>EXCESS MOISTURE IN CLASSROOMS</b>   |      |   |  |  |             |            |   |
|           | Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)? |      |   | Missing ceiling tile.  | Facilities serviceperson to replace ceiling tiles. | Site Based  |            | 2 |
|           | <b>GENERAL CLEANLINESS</b>   |      |   |  |  |             |            |   |
|           | Room is free of the use of scented cleaners and air fresheners?  |      |   | No scented cleaners, air fresheners or non-approved chemicals found at the time of assessment. | None   | None        |            |   |
|           | <b>THERMAL COMFORT</b>   |      |   |  |  |             |            |   |
|           | Temperature in my classroom is generally comfortable (72F-76F)?  |      | it is too cold in this school. i am never comfortable.  | Temperature was acceptable at the time of assessment.  | None   | None        |            |   |
|           | Classroom is free of significant temperature shifts?   |      | it is too cold in this school. i am never comfortable.  | Temperature was acceptable at the time of assessment.  | None   | None        |            |   |
|           | Room is usually comfortable? (If no, please explain in the notes below.)                               |      | it is too cold in this school. i am never comfortable.  | Temperature was acceptable at the time of assessment.  | None   | None        |            |   |
| 417       | Temp   | 76.2 | RH%   | 57   | CO2  | 1226        | Occupants: |   |
|           | <b>AIR CONDITIONING</b>  |      |   |  |  |             |            |   |
|           | Room is free of smell of mold or mildew?   |      | The air vent is 20 feet above the floor. There is black soot on the walls surrounding the vent.                 | Odor detected at the time of assessment.<br>Sweaty weight room                                 | Facilities serviceperson to open supply vents.     | Site Based  |            | 2 |

| FISH/Room                       | Participant Comments   |   |        | Response | Recommendation   | Responsible  | Priority                  |   |
|---------------------------------|--|---|--------|----------|--|--|---------------------------|---|
| 417                             | Temp   | 76.2  | RH% 57 | CO2 1226 | Occupants:   |  |                           |   |
|                                 | Air flowing from air supply?   | The air vent is 20 feet above the floor. There is black soot on the walls surrounding the vent. |        |          | Air supply/return ventilation is not functioning qualitatively.                            | Physical Plant Operations to evaluate need for test and balance.   | Physical Plant Operations | 2 |
|                                 | Air is flowing without obstruction?  | The air vent is 20 feet above the floor. There is black soot on the walls surrounding the vent. |        |          | Supply vents obstructed by accoustical panels.   | Facilities serviceperson to clear supply vents.  | Site Based                | 2 |
| <b>ANIMALS IN THE CLASSROOM</b> |  |   |        |          |  |  |                           |   |
|                                 | Activities and/or room conditions are modified to address student allergies?                   |   |        |          |  | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based                | 3 |
| <b>GENERAL CLEANLINESS</b>      |  |   |        |          |  |  |                           |   |
|                                 | Classroom is dusted/vacuumed thoroughly and regularly?   |   |        |          | Slight dust accumulation was observed on environmental surfaces at the time of assessment. | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based                | 2 |
|                                 | Trash is removed daily and trash bags are changed as appropriate?                              |   |        |          | No issues identified regarding trash removal practices.                                    | None   | None                      |   |
|                                 | Air supply/return registers are cleaned regularly and free of dust and debris accumulation?    |   |        |          | Dust observed on supply/return registers at the time of assessment.                        | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based                | 2 |
|                                 | Room is free of pests?   |   |        |          | No pests observed at the time of assessment.   | None   | None                      |   |
|                                 | Floor is cleaned on a regular basis?   |   |        |          | Floor was clean at the time of assessment.   | None   | None                      |   |
| <b>LOCAL EXHAUST FANS</b>       |  |   |        |          |  |  |                           |   |
|                                 | Other exhaust fans that may exist in the classroom are functioning properly?                   | The room is used for weight training.   |        |          | No exhaust system/ventilation in room. Identified in error.                                | None   | None                      |   |
|                                 | My classroom has sufficient exhaust systems based on the activities/functionality of the room? | The room is used for weight training.   |        |          | Exhaust fan is functioning properly.   | None   | None                      |   |
|                                 | Bathroom exhaust fan is functioning properly?  | The room is used for weight training.   |        |          | No exhaust fans in room. Identified in error.  | None   | None                      |   |
| <b>THERMAL COMFORT</b>          |  |   |        |          |  |  |                           |   |
|                                 | Temperature in my classroom is generally comfortable (72F-76F)?                                |   |        |          | Temperature was acceptable at the time of assessment.                                      | None   | None                      |   |
|                                 | Classroom is free of significant temperature shifts?   |   |        |          | Temperature was acceptable at the time of assessment.                                      | None   | None                      |   |
|                                 | Room is usually comfortable? (If no, please explain in the notes below.)                       |   |        |          | Temperature was acceptable at the time of assessment.                                      | None   | None                      |   |

| FISH/Room  | Participant Comments |   |          | Response | Recommendation   | Responsible   | Priority   |   |
|--|----------------------|---|----------|----------|--|---|------------|---|
| 424  | Temp                 | 73.8  | RH% 65.1 | CO2 1254 | Occupants:   |   |            |   |
| <b>ANIMALS IN THE CLASSROOM</b>  |                      |   |          |          |  |   |            |   |
| You are informed about the potential allergies of your students?                                       |                      |   |          |          | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based  | 3          |   |
| <b>EXCESS MOISTURE IN CLASSROOMS</b>   |                      |   |          |          |  |   |            |   |
| Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)? |                      | I have at least two ceiling tiles that have some discoloration. |          |          | Stained ceiling tiles.   | Facilities serviceperson to replace stained ceiling tiles.                                      | Site Based | 2 |
| Area around and under classroom sinks free of leaks?   |                      | I have at least two ceiling tiles that have some discoloration. |          |          | No leaks or signs of water intrusion identified.   | None  | None       |   |
| <b>GENERAL CLEANLINESS</b>   |                      |   |          |          |  |   |            |   |
| Classroom is dusted/vacuumed thoroughly and regularly?   |                      |   |          |          | Slight dust accumulation was observed on environmental surfaces at the time of assessment.   | Site based administration should address general cleanliness with facility serviceperson staff. | Site Based | 2 |
| Room is free of pests?   |                      |   |          |          | No pests observed at the time of assessment.   | None  | None       |   |
| 526  | Temp                 | 72.3  | RH% 63.6 | CO2 1984 | Occupants:   |   |            |   |
| <b>ANIMALS IN THE CLASSROOM</b>  |                      |   |          |          |  |   |            |   |
| You are informed about the potential allergies of your students?                                       |                      |   |          |          | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based  | 3          |   |
| <b>DRAIN TRAPS IN THE CLASSROOM</b>  |                      |   |          |          |  |   |            |   |
| Water poured down floor drains once per week (approx. 1 quart of water).                               |                      |   |          |          | It appears as though water is poured down the floor drain at least once a week.  | None  | None       |   |
| Water run in sinks at least once per week (about 2 cups of water).                                     |                      |   |          |          | It appears as though sink is utilized regularly. No sewer gas odor detected. By running water regularly it eliminates the potential for sewer gas odors.                           | None  | None       |   |
| <b>GENERAL CLEANLINESS</b>   |                      |   |          |          |  |   |            |   |
| Classroom is dusted/vacuumed thoroughly and regularly?   |                      |   |          |          | Slight dust accumulation was observed on environmental surfaces at the time of assessment.   | Site based administration should address general cleanliness with facility serviceperson staff. | Site Based | 2 |

| FISH/Room  | Participant Comments |  |                                       | Response                              | Recommendation   | Responsible  | Priority                  |   |
|--|----------------------|--|---------------------------------------|---------------------------------------|--|--|---------------------------|---|
| 544  | Temp                 | <input type="text" value="72.9"/>  | RH% <input type="text" value="65.4"/> | CO2 <input type="text" value="1626"/> | Occupants: <input type="text"/>  |  |                           |   |
| <b>ANIMALS IN THE CLASSROOM</b>  |                      |  |                                       |                                       |  |  |                           |   |
| You are informed about the potential allergies of your students?             |                      |  |                                       |                                       | Slight dust accumulation was observed on environmental surfaces at the time of assessment. | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based                | 2 |
| Activities and/or room conditions are modified to address student allergies? |                      |  |                                       |                                       |  | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based                | 3 |
| <b>THERMAL COMFORT</b>   |                      |  |                                       |                                       |  |  |                           |   |
| Classroom is free of significant temperature shifts?                         |                      |  |                                       |                                       | Temperature was acceptable at the time of assessment.                                      | None   | None                      |   |
| 601B   | Temp                 | <input type="text" value="72.1"/>  | RH% <input type="text" value="64.2"/> | CO2 <input type="text" value="1435"/> | Occupants: <input type="text"/>  |  |                           |   |
| <b>Walkthrough</b>   |                      |  |                                       |                                       |  |  |                           |   |
|  |                      |  |                                       |                                       | Slight dust accumulation was observed on environmental surfaces at the time of assessment. | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based                | 2 |
|  |                      |  |                                       |                                       | Carpet was stained.  | Physical Plant Operations to evaluate and repair as appropriate.   | Physical Plant Operations | 2 |
| 608  | Temp                 | <input type="text" value="74.6"/>  | RH% <input type="text" value="65.7"/> | CO2 <input type="text" value="1905"/> | Occupants: <input type="text"/>  |  |                           |   |
| <b>AIR CONDITIONING</b>  |                      |  |                                       |                                       |  |  |                           |   |
| Room is free of smell of mold or mildew?                                     |                      |  |                                       |                                       | No odor detected at the time of assessment.  | None   | None                      |   |
| <b>ANIMALS IN THE CLASSROOM</b>  |                      |  |                                       |                                       |  |  |                           |   |
| Activities and/or room conditions are modified to address student allergies? |                      |  |                                       |                                       |  | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based                | 3 |
| <b>GENERAL CLEANLINESS</b>   |                      |  |                                       |                                       |  |  |                           |   |
| Floor is cleaned on a regular basis?   |                      | Room is always freezing. Teacher and children go through so many boxes of tissues because of sinus issues. Constant sinus headaches as well. |                                       |                                       | Dust and dirt accumulation on floor.   | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based                | 2 |

| FISH/Room                       | Participant Comments  |      |  | Response   | Recommendation   | Responsible | Priority |
|---------------------------------|---|------|--|--|--|-------------|----------|
| 608                             | Temp  | 74.6 | RH% 65.7   | CO2 1905   | Occupants:   |             |          |
|                                 | Air supply/return registers are cleaned regularly and free of dust and debris accumulation?                                       |      | Room is always freezing. Teacher and children go through so many boxes of tissues because of sinus issues. Constant sinus headaches as well. | Dust observed on supply/return registers at the time of assessment.                        | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based  | 2        |
|                                 | Classroom is dusted/vacuumed thoroughly and regularly?  |      | Room is always freezing. Teacher and children go through so many boxes of tissues because of sinus issues. Constant sinus headaches as well. | Slight dust accumulation was observed on environmental surfaces at the time of assessment. | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based  | 2        |
|                                 | Room is free of pests?  |      | Room is always freezing. Teacher and children go through so many boxes of tissues because of sinus issues. Constant sinus headaches as well. | No pests observed at the time of assessment.   | None   | None        |          |
| <b>THERMAL COMFORT</b>          |   |      |  |  |  |             |          |
|                                 | Temperature in my classroom is generally comfortable (72F-76F)?   |      | The room is either unbearably freezing or hot.   | Temperature was acceptable at the time of assessment.                                      | None   | None        |          |
|                                 | Room is usually comfortable? (If no, please explain in the notes below.)  |      | The room is either unbearably freezing or hot.   | Temperature was acceptable at the time of assessment.                                      | None   | None        |          |
|                                 | Classroom is free of significant temperature shifts?  |      | The room is either unbearably freezing or hot.   | Temperature was acceptable at the time of assessment.                                      | None   | None        |          |
|                                 | Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.) |      | The room is either unbearably freezing or hot.   | Humidity was acceptable at the time of assessment.   | None   | None        |          |
| 620                             | Temp  | 70.3 | RH% 65.7   | CO2 1240   | Occupants:   |             |          |
| <b>ANIMALS IN THE CLASSROOM</b> |   |      |  |  |  |             |          |
|                                 | Activities and/or room conditions are modified to address student allergies?  |      | Devices designed to rid the room of mites and dust must be included in the budget.   |  | Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary. | Site Based  | 3        |
| <b>GENERAL CLEANLINESS</b>      |   |      |  |  |  |             |          |
|                                 | Air supply/return registers are cleaned regularly and free of dust and debris accumulation?                                       |      | Brand new carpet is rarely vacuumed and has never been cleaned.  | No dust observed on supply/return registers at the time of assessment.                     | None   | None        |          |
|                                 | Classroom is dusted/vacuumed thoroughly and regularly?  |      | Brand new carpet is rarely vacuumed and has never been cleaned.  | Slight dust accumulation was observed on environmental surfaces at the time of assessment. | Site based administration should address general cleanliness with facility serviceperson staff.  | Site Based  | 2        |
|                                 | Classrooms general appearance is clean and acceptable?  |      | Brand new carpet is rarely vacuumed and has never been cleaned.  | General cleanliness of the room at the time of assessment was acceptable.                  | None   | None        |          |
|                                 | Floor is cleaned on a regular basis?  |      | Brand new carpet is rarely vacuumed and has never been cleaned.  | Floor was clean at the time of assessment.   | None   | None        |          |

| FISH/Room | Participant Comments  |   |          | Response | Recommendation   | Responsible  | Priority                    |
|-----------|---|---|----------|----------|--|--|-----------------------------|
| 620       | Temp  | 70.3  | RH% 65.7 | CO2 1240 | Occupants:   |  |                             |
|           | Spills and other such issues requiring custodial assistance are addressed in a timely manner? | Brand new carpet is rarely vacuumed and has never been cleaned.   |          |          | No issues identified relating to spill clean up practices at the time of assessment..      | None   | None                        |
|           | <b>LOCAL EXHAUST FANS</b>   |   |          |          |  |  |                             |
|           | Bathroom exhaust fan is functioning properly?   |   |          |          | Bathroom exhaust fan is functioning properly.  | None   | None                        |
| 804       | Temp  | 71.1  | RH% 69.3 | CO2 738  | Occupants:   |  |                             |
|           | <b>AIR CONDITIONING</b>   |   |          |          |  |  |                             |
|           | Room is free of smell of mold or mildew?  | Ther is some kind of oder - may be just dirt trapped in rug   |          |          | Odor detected and microbial growth identified. Carpet is stained.                          | Physical Plant Operations to evaluate cause of microbial growth and repair and remediate as appropriate. | Physical Plant Operations 1 |
|           | <b>GENERAL CLEANLINESS</b>  |   |          |          |  |  |                             |
|           | Classroom is dusted/vacuumed thoroughly and regularly?  | Computer cables, b-stock storage, computer installations and repair in the way of rregular vaccuming; rug was supposed to be removed but was not for same reason. |          |          | Slight dust accumulation was observed on environmental surfaces at the time of assessment. | Site based administration should address general cleanliness with facility serviceperson staff.          | Site Based 2                |
|           | Floor is cleaned on a regular basis?  | Computer cables, b-stock storage, computer installations and repair in the way of rregular vaccuming; rug was supposed to be removed but was not for same reason. |          |          | Dust and dirt accumulation on floor.   | Site based administration should address general cleanliness with facility serviceperson staff.          | Site Based 2                |
|           | <b>LOCAL EXHAUST FANS</b>   |   |          |          |  |  |                             |
|           | Other exhaust fans that may exist in the classroom are functioning properly?                  | Do not know correct function of the one in ceiling at entrance to the room  |          |          | Exhaust fan is not functioning properly.   | Physical Plant Operations to evaluate and repair as appropriate.   | Physical Plant Operations 2 |