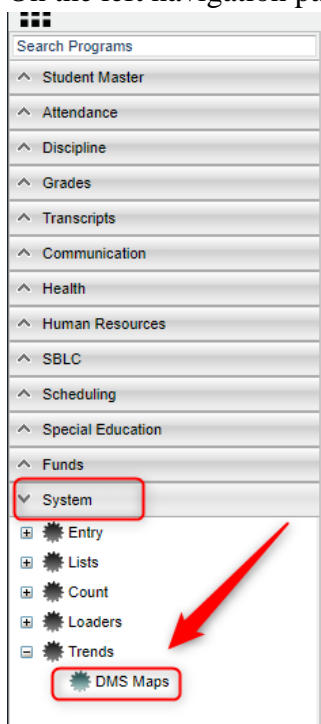


DMS Maps

This program will display a heat map based on options selected for Student's Attendance, Attendance Zone, Test Scores, Grades, GPA, Discipline. A heat map is a graphical representation of data where the individual values contained in a matrix are represented as colors. This map will show where the students reside.

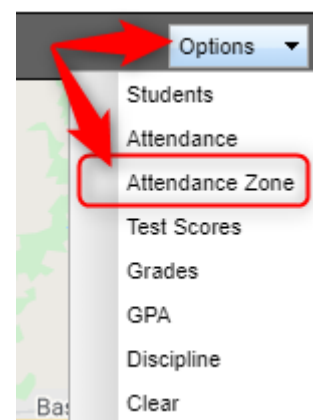
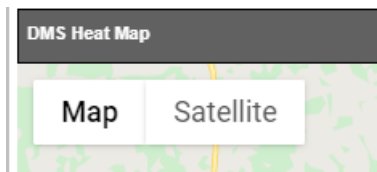
On the left navigation panel, select **System > Trends > DMS Maps**.



The user will **first** select **Attendance Zone** from the **Options** drop down located in the top right corner of the page.

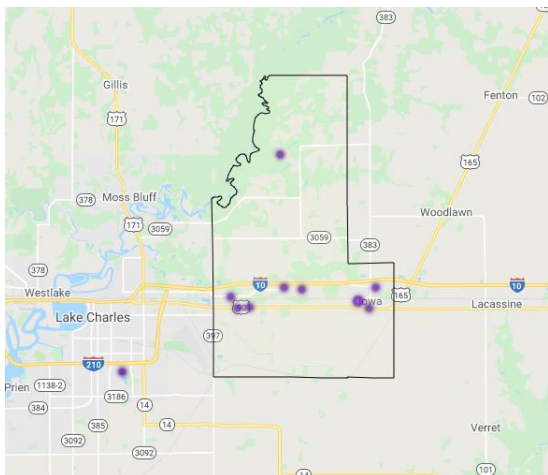
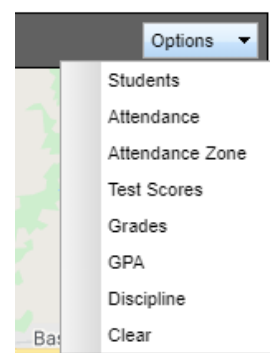
A map of the user's district will be displayed based on the attendance zones drawn in the DMS System.

Map can be viewed in a street or satellite layout.




The user will then:

- Select a sub-menu from the **Options** drop down located in the top right corner of the page.
- Set the criteria in the setup box. Details are below



The results will display with heat spots. Each additional criteria set will result in a different color, starting with purple, then gold, then blue, then red, then aqua, then amber, then green, then fuchsia, then magenta, in that order.



To view a list of students in a specific area of heat spots, use the , located on the top of the screen, and then drawing a rectangle or polygon around the desired heat spots. A detail chart will pop up listing the students in this chosen area.

Once that has been done, a list of students will display.

Students											
	Year	Sch...	Zon...	Last Name	First Name	Middle Name	Suffix	SIDNO	Grade	Physical Address 1	Physical Addr
1	1718		999					0089948	09		
2	1718		999					8089825	00		
3	1718		002					8049928	01		
4	1718		999					8089957	07		

Column Headers

Year - School year

School - Student's school of enrollment

Zone School - Current zone school based on attendance zone

Last Name - Student's last name

First Name - Student's first name

Middle Name - Student's middle name

Suffix - Student's generational suffix

SIDNO - Student ID number

Grade - Student Grade

Physical Address 1 - Student's physical address line 1

Physical Address 2 - Student's physical address line 2

Physical City - Student's physical city

Physical Zip - Student's physical zip

Record - Student record number

OOZ Codes - Out of zone code

iGear - The iGear in the Student List will


show Student information, Attendance

Discipline, Schedules, Grades, Print

Transcript, Student Test Analysis,

Communication and Points - if applicable, of the students.

Students						
	Year	Sch...	Zon...	Last Name	First Name	Middle Name
	1920					
	1920					



Click on the student's name to access the iGEAR. For more information about the iGEAR follow this link: [Using the iGear](#).

Listed below are each of the Setup Options for each sub-menu.

Students

Students will display heat spots representing dwelling population on the map based on the setup criteria and the student's physical address.

The 'Students' dialog box contains the following fields and options:

- Year: 1920 (dropdown)
- District: 010 (dropdown)
- Schools: 026 (text)
- Grade: (text)
- Gender: (text)
- Ethnic: (text)
- Special Codes: (text)
- Programs: (text)
- Clubs: (text)
- Custom: (text)
- Sports: (text)
- Entry Codes: (text)
- Leave Codes: (text)
- Bus: (text)
- Trans Code: (text)
- OOO Code: (text)
- Lunch Code: (text)
- Active Only
- As Of Date: Mar 11 2020 (calendar icon)
- Special Ed: All Sped Only Non Sped
- 504: All 504 Only Non 504
- LEP: All LEP Only Non LEP
- Radius: 10 (text)
- Intensity: 5 (text)
- Buttons: OK, Clear, Cancel

Year - Defaults to the current year. A prior year may be accessed by clicking in the field and making the appropriate selection from the drop down list.

District - Default value is based on the user's security settings. The user will be limited to their district only.

School - Default value is based on the user's security settings. If the user is assigned to a school, the school default value will be their school site code.

Grade - Leave blank or select all to include all grade levels. Otherwise, choose the desired grade level.

Gender - Leave blank or select all to include all genders. Otherwise, choose the desired gender.

Ethnic - Leave blank or select all to include all ethnicities. Otherwise, choose the desired ethnicity.

Special Codes - Leave blank if all special codes are to be included into the report. Otherwise, choose the desired special code.

Program - Leave blank if all program codes are to be included into the report. Otherwise, choose the desired program code.

Clubs - Leave blank if all clubs are to be included into the report. Otherwise, choose the desired club code.

Custom - Leave blank if all custom codes are to be included into the report. Otherwise, choose the desired custom code.

Sports - Leave blank if all sports are to be included into the report. Otherwise, choose the desired sport code.

Entry Code - Student's entry code into the school that will display on the map.

Leave Code - Student's leave code from the school that will display on the map.

Bus - Select a bus(s) number to filter those students on the map.

Trans Codes - A description for the listings from 01-12 listing the codes for the corresponding numbers to display on the map.

OOZ Code - Leave the field blank if all OOO Codes are to be included. Otherwise, click in the field to the right of OOO to select the desired code to be included. Click OK to move back to the main setup screen.

Lunch Code - Select from LU1, LU2, LU3 or LU4 to filter by. Leave the field blank if not filtering by Lunch Codes.

Active Only - This choice will list only those students who are actively enrolled as of the date selected in the date field.

As of Date - This choice will list only those students who are actively enrolled as of the date selected in the date field.

Sped/504/LEP:

All - Select to view all students.

Sped Only - Select to view only Sped/504/LEP students.

Non Sped - Select to view only non Sped/504/LEP students.

Radius - The radius of influence for each data point in pixels. this causes more points in the same vicinity, defined by pixels on the map, to overlap into the heat map.

Intensity - This intensity each data point carries in pixels. This causes the individual point to be brighter in the heat map overlay.

OK - Click to continue.

Clear - Click to clear out selection made.

Cancel - Click to close the setup box.

Attendance

Students will display heat spots representing dwelling population on the map based on the setup criteria based on Attendance.

Year - Defaults to the current year. A prior year may be accessed by clicking in the field and making the appropriate selection from the drop down list.

District - Default value is based on the user's security settings. The user will be limited to their district only.

School - Default value is based on the user's security settings. If the user is assigned to a school, the school default value will be their school site code.

Grade - Leave blank or select all to include all grade levels. Otherwise, choose the desired grade level.

Attendance Code - The codes listed in this field will be skipped when counting the absences for the student.

Date From and Date To - Select the date(s) range for attendance.

Count>= - Select the day(s) absent.

Radius - The radius of influence for each data point in pixels. this causes more points in the same vicinity, defined by pixels on the map, to overlap into the heat map.

Intensity - This intensity each data point carries in pixels. This causes the individual point to be brighter in the hear map overlay.

OK - Click to continue.

Clear - Click to clear out selection made.

Cancel - Click to close the setup box.

Attendance Zone

A map of the user`s district will be displayed based on the Attendance Zones drawn in the **DMS System**. (You need to select this for Attendance Zone borders to show.)

Year - Defaults to the current year. A prior year may be accessed by clicking in the field and making the appropriate selection from the drop down list.

District - Default value is based on the user`s security settings. The user will be limited to their district only.

School - Default value is based on the user's security settings. If the user is assigned to a school, the school default value will be their school site code.

OK - Click to continue.

Clear - Click to clear out selection made.

Cancel - Click to close the setup box.

Test Scores

Students will display heat spots representing dwelling population on the map based on the setup criteria and the student`s Test Scores.

Year - Defaults to the current year. A prior year may be accessed by clicking in the field and making the appropriate selection from the drop down list.

District - Default value is based on the user`s security settings. The user will be limited to their district only.

School - Default value is based on the user's security settings. If the user is assigned to a school, the school default value will be their school site code.

Grade - Leave blank or select all to include all grade levels. Otherwise, choose the desired grade level.

Test Name - Select the test standardized test.

Test Section - Select a subject

Test Score - Select the performance level - alternate, excellent, exempt, fair, good, growth, needs improvement and pending.

Test From Date and Test To Date - Select the date(s) range for test.

Radius - The radius of influence for each data point in pixels. this causes more points in the same vicinity, defined by pixels on the map, to overlap into the heat map.

Intensity - This intensity each data point carries in pixels. This causes the individual point to be brighter in the hear map overlay.

OK - Click to continue.

Clear - Click to clear out selection made.

Cancel - Click to close the setup box.

Grades

Students will display heat spots representing dwelling population on the map based on the setup criteria and the student`s grades.

Year - Defaults to the current year. A prior year may be accessed by clicking in the field and making the appropriate selection from the drop down list.

District - Default value is based on the user's security settings. The user will be limited to their district only.

School - Default value is based on the user's security settings. If the user is assigned to a school, the school default value will be their school site code.

Grade - Leave blank or select all to include all grade levels. Otherwise, choose the desired grade level.

Course Name - Select the correct course to filter the outcome.

Marking Period - Select the marking period.

Grade Earned - Select the grade earned by the student(s).

Radius - The radius of influence for each data point in pixels. this causes more points in the same vicinity, defined by pixels on the map, to overlap into the heat map.

Intensity - This intensity each data point carries in pixels. This causes the individual point to be brighter in the hear map overlay.

OK - Click to continue.

Clear - Click to clear out selection made.

Cancel - Click to close the setup box.

GPA

Students will display heat spots representing dwelling population on the map based on the setup criteria and the student's GPA.

Year - Defaults to the current year. A prior year may be accessed by clicking in the field and making the appropriate selection from the drop down list.

District - Default value is based on the user's security settings. The user will be limited to their district only.

School - Default value is based on the user's security settings. If the user is assigned to a school, the school default value will be their school site code.

Grade - Leave blank or select all to include all grade levels. Otherwise, choose the desired grade level.

Marking Period - This will specify for which Marking Period the user wants the GPA.

GPA Print Type - Select Alpha Basic, Alpha Loaded, Alpha Raw, Numeric Basic and Numeric Loader.

Cumulative GPA On - Choose which column of grades to use for averaging if the cumulative GPA is needed. Ex: Grading Periods, Semesters, or Finals

Minimum GPA - Filter out students with a lower GPA of your choosing, then type that GPA in the box.

Maximum GPA - Filter out students with a higher GPA of your choosing, then type that GPA in the box.

Radius - The radius of influence for each data point in pixels. this causes more points in the same vicinity, defined by pixels on the map, to overlap into the heat map.

Intensity - This intensity each data point carries in pixels. This causes the individual point to be brighter in the hear map overlay.

OK - Click to continue.

Clear - Click to clear out selection made.

Cancel - Click to close the setup box.

Discipline

Students will display heat spots representing dwelling population on the map based on the setup criteria and the student's Discipline.

The screenshot shows a dialog box titled "Discipline" with the following fields and values:

- Year: 1920
- District: 010
- Schools: 026
- Grade: (blank)
- Bus Referral
- Incident Codes: 07
- Admin Actions: (blank)
- Incident Count >=: 1
- Radius: 10
- Intensity: 5

Buttons at the bottom: OK, Clear, Cancel.

A callout bubble points to the Incident Codes and Admin Actions fields with the text: "Set for any Incident codes or Admin Actions."

Year - Defaults to the current year. A prior year may be accessed by clicking in the field and making the appropriate selection from the drop down list.

District - Default value is based on the user's security settings. The user will be limited to their district only.

School - Default value is based on the user's security settings. If the user is assigned to a school, the school default value will be their school site code.

Grade - Leave blank or select all to include all grade levels. Otherwise, choose the desired grade level.

Bus Referral - If the box is checked it will only display bus referrals. If the box is not checked it will display all referrals.

Incident Codes - Select the referral incident code(s).

Admin Actions - Select the admin action code(s).

Incident Count >= - Select the number of referrals a student has.

Radius - The radius of influence for each data point in pixels. this causes more points in the same vicinity, defined by pixels on the map, to overlap into the heat map.

Intensity - This intensity each data point carries in pixels. This causes the individual point to be brighter in the hear map overlay.

OK - Click to continue.

Clear - Click to clear out selection made.

Cancel - Click to close the setup box.