

Task 1: Creating a New Trend

Homepage

The screenshot shows the SchoolView homepage with a blue header and a left sidebar. The sidebar contains navigation icons for 'Enter Incident', 'Trend', 'Monitor Policies', 'Find', and 'Settings'. The main content area features two trend graphs. The top graph, titled 'Potential Trends', shows incident data for 'Race Discrimination' from August 2014 to April 2015. The bottom graph, titled 'Subscribed', shows incident data for 'Playground' from August 2014 to April 2015. A 'CREATE NEW TREND' button is visible on the right side of the interface.

schoolview HELP

Potential Trends

2014 2015

Number of Incidents

Year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Apr
2014	1	2	1	2	1	2	1	2
2015	2	1	2	1	2	1	2	3

Keyword: Race Discrimination

Subscribed

2014 2015

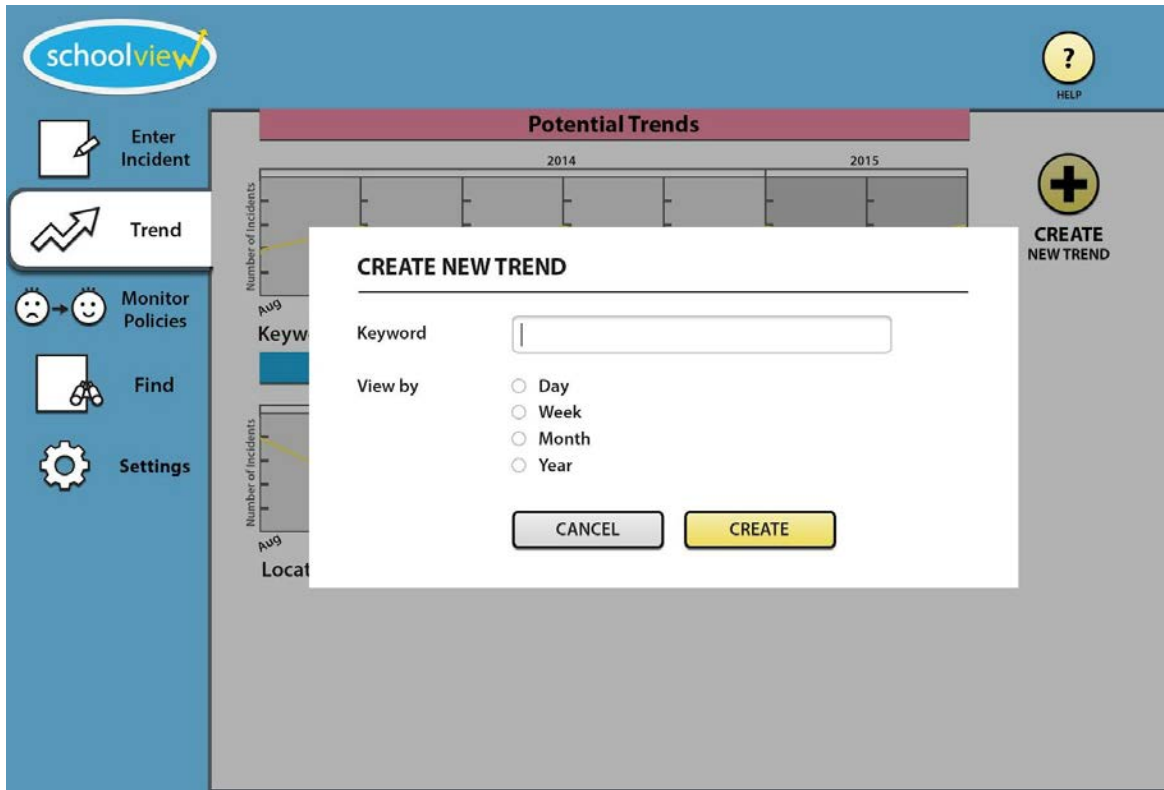
Number of Incidents

Year	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Apr
2014	4	2	3	2	4	3	2	3
2015	3	2	3	2	3	2	1	2

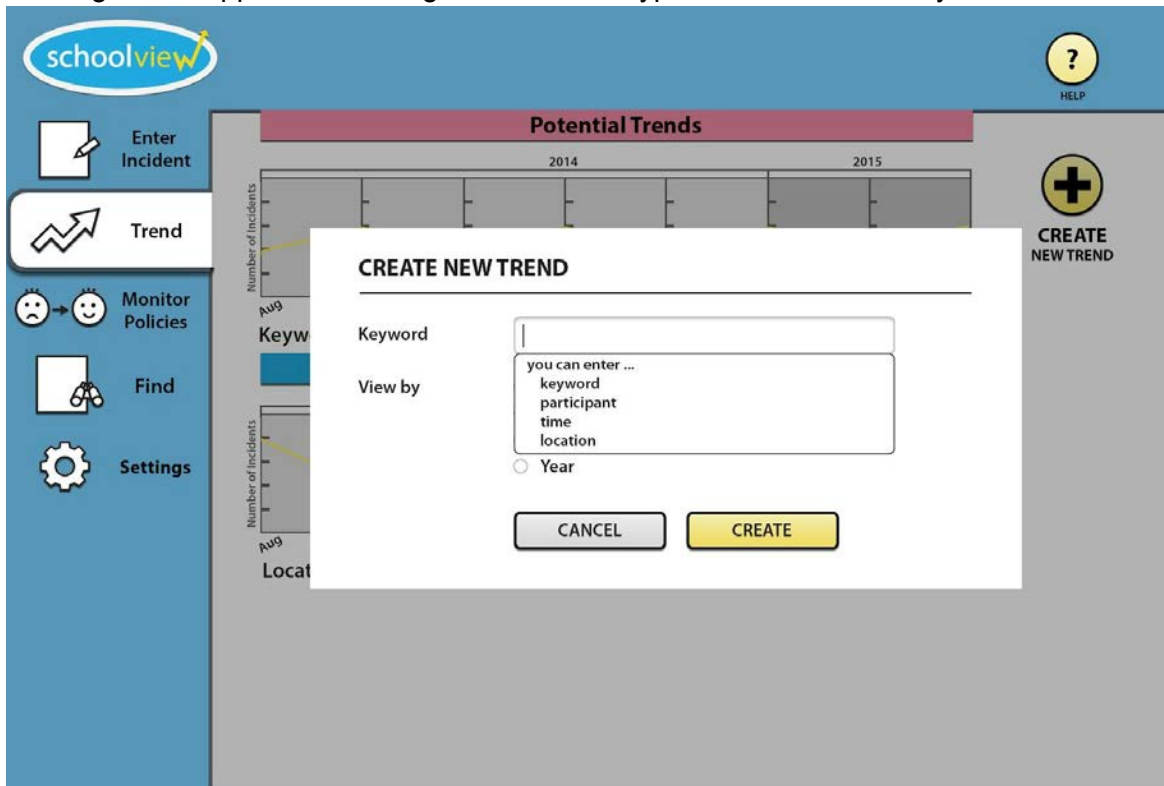
Location: Playground

CREATE NEW TREND

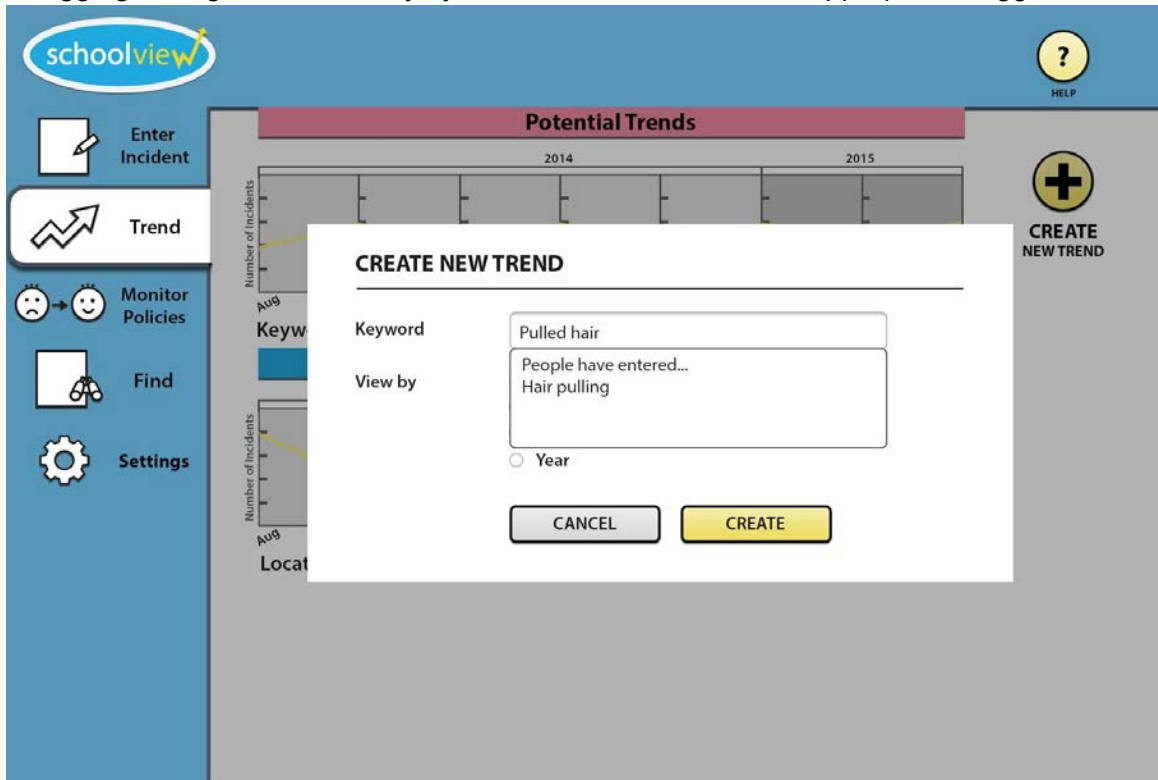
After user clicks on the plus sign on the upper-right corner the trend creation screen appears. The user clicks the first text entry field.



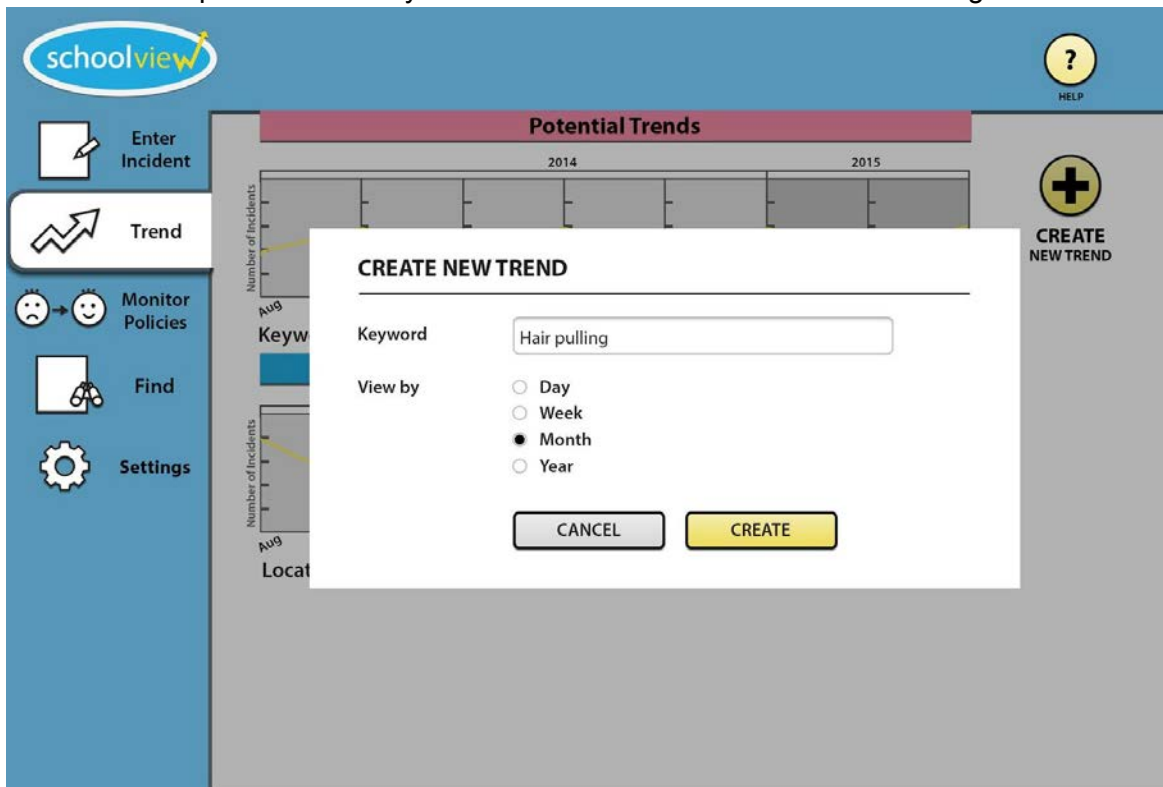
A dialogue box appears informing the user what types of information they can enter in this field.



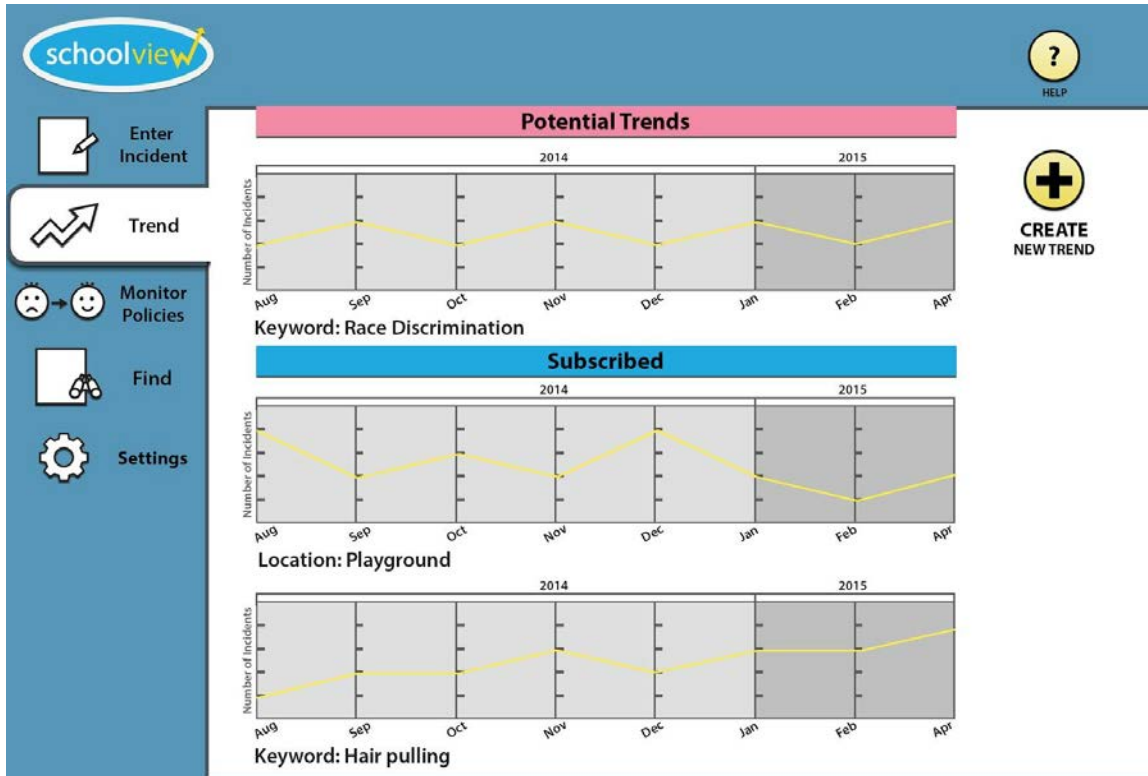
After entering “pulled hair” the system suggests “hair pulling” in an effort to maintain consistency of tagging through a folksonomy system. The user selects the appropriate suggestion.



The initial time period to view by is chosen to be months. This can be changed later also.

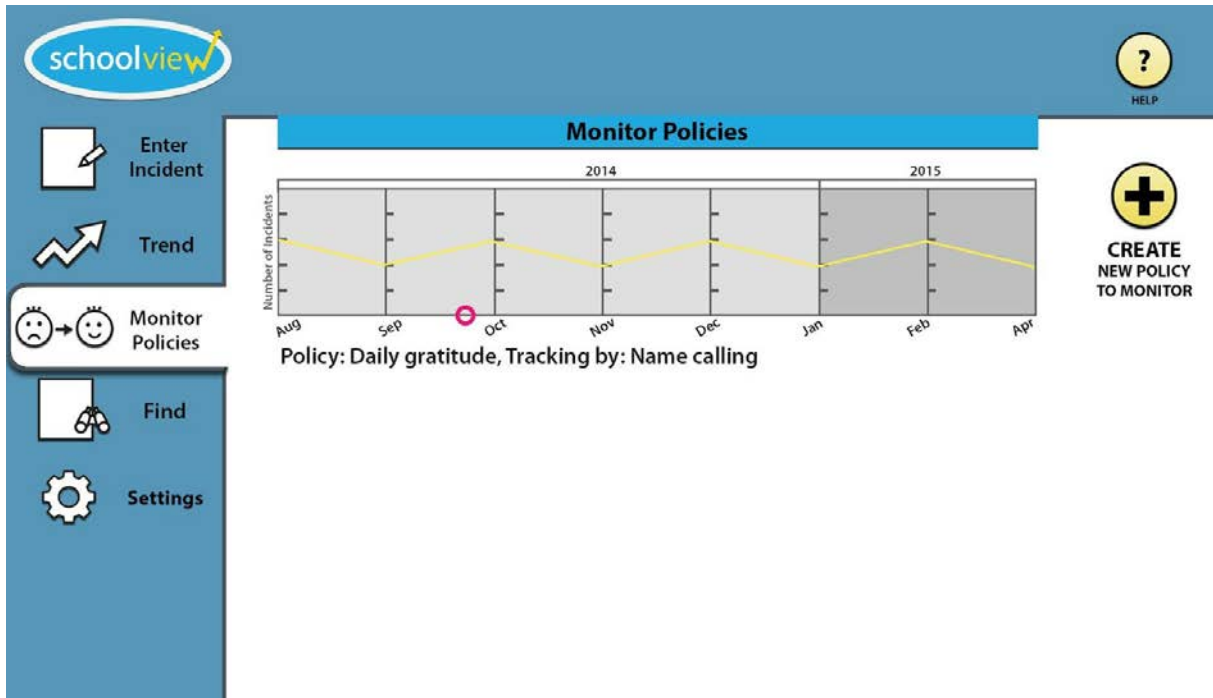


The user clicks on “Create” and the new trend is added to the “subscribed” section. They can now see the frequency of occurrence over a period of time. System suggested trends are in the category above it.



Task 2: Creating a New Policy

The user begins the creation process by clicking “create new policy to monitor”.



By selecting the text input field, they are able to type the name of their policy.

This screenshot shows the 'CREATE NEW POLICY TO MONITOR' dialog box overlaid on the 'Monitor Policies' interface. The dialog box contains the following fields and options:

- Policy name:** A text input field containing 'Positivity posters'.
- Date Implemented:** A calendar icon.
- Choose trend expected to change:** A dropdown menu with a plus sign icon to its right.
- OR**
- Create new trend expected to change:** A yellow button labeled 'CREATE NEW TREND'.
- Buttons:** 'CANCEL' and 'CREATE' buttons at the bottom.

To specify the date the policy began, the user selects the date entry box which expands into a calendar. They click April 1st, 2015 to confirm.

The screenshot shows the 'Monitor Policies' section of the Schoolview application. A modal dialog titled 'CREATE NEW POLICY TO MONITOR' is open. The 'Policy name' field contains 'Positivity posters'. The 'Date Implemented' field shows a calendar for April 2015, with the 1st selected. Below the calendar is a dropdown menu for 'Choose trend expected to change'. The dialog also includes 'CANCEL' and 'CREATE' buttons.

The user choose a existed “playground” trend which they expected to change to monitor.

The screenshot shows the 'Monitor Policies' section of the Schoolview application. The modal dialog 'CREATE NEW POLICY TO MONITOR' is open. The 'Policy name' field contains 'Positivity posters'. The 'Date Implemented' field now shows 'Apr 1, 2015'. The 'Choose trend expected to change' dropdown menu is open, showing options: 'Race Discrimination', 'Playground', and 'Hair pulling'. The 'CREATE' button is highlighted.

They then confirm the rest of the information and click create.

The screenshot shows the 'Monitor Policies' interface in Schoolview. A modal dialog box titled 'CREATE NEW POLICY TO MONITOR' is open. The dialog contains the following fields and options:

- Policy name: Positivity posters
- Date Implemented: Apr 1, 2015
- Choose trend expected to change: Playground
- OR
- Create new trend expected to change: CREATE NEW TREND (button)
- CANCEL (button)
- CREATE (button)

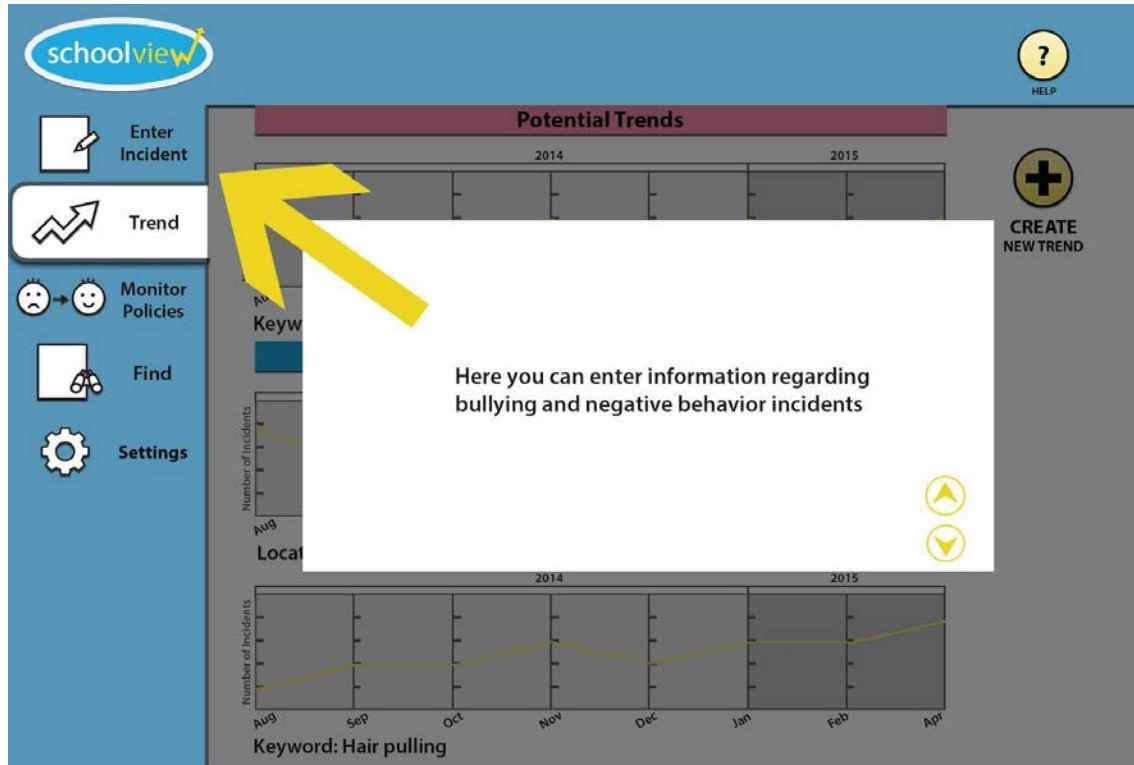
The background interface includes a sidebar with 'Enter Incident', 'Trend', 'Monitor Policies', 'Find', and 'Settings'. The main area shows a line graph for 'Monitor Policies' with a 'CREATE NEW POLICY TO MONITOR' button on the right.

Finally, the user views the policy change they just created underneath the one they had created prior, then the user can observe the trend before/after the implemented date which marked by a pink dot.

The screenshot shows the 'Monitor Policies' interface with two line graphs. The top graph is titled 'Policy: Daily gratitude, Tracking by: Name calling' and shows a trend line from August 2014 to April 2015. A pink dot is placed on the line at the beginning of October 2014. The bottom graph is titled 'Policy: Positivity posters, Tracking by: Playground' and shows a trend line from August 2014 to April 2015. A pink dot is placed on the line at the beginning of April 2015. The interface includes the same sidebar and 'Monitor Policies' header as the previous screenshot.

Changes Made: Tutorial Slides

Our digital mockup is very similar to our paper prototype. As previously mentioned in 3d, we have decided to add a series of tutorial slides to introduce the user to the system when logging in for the first time. We consider these integral to accomplishing our tasks, which is why they are included here.



schoolview

Enter Incident

Trend

Monitor Policies

Find

Settings

HELP

CREATE NEW TREND

Here, graphs depicting the frequency of similar incidents over time are shown. You may manually create graphs showing types of incidents to track, and the system will suggest potential trends as well. These graphs will help you decide if there is a trend in behavior you wish to address.

Look at the following example, the trend below is made using data regarding incidents about name calling.

Tip: Click and Drag anywhere on the graph to reorganize the order in which graphs are presented.

Number of Incidents

2014 2015

Aug Sep Oct Nov Dec Jan Feb Apr

Policy: Daily gratitude, Tracking by: Name calling

Number of Incidents

Aug Sep Oct Nov Dec Jan Feb Apr

Keyword: Hair pulling

schoolview

Enter Incident

Trend

Monitor Policies

Find

Settings

HELP

CREATE NEW TREND

Potential Trends

Number of Incidents

2014 2015

Aug

Local

Number of Incidents

2014 2015

Aug Sep Oct Nov Dec Jan Feb Apr

Keyword: Hair pulling

Add a new policy and/or event and track how behavior in your school changes through time

Enter Incident

Trend

Monitor Policies

Find

Settings

Potential Trends



CREATE NEW TREND



Use this page to search for incidents and previously created trends and policies

DONE



Overview

The following is the overview of our digital mockup. We made tutorial slides to introduce function of the important tabs. We also made the trend and policy tabs which support our 2 main task. The difference between them is that trend tab is for skimming through all trends subscribed by users and if the user clicks on one specific trend a window will open (as on the right), then he/she can see details and related incidents of that trend and can unsubscribe or delete the trend here. We did not include this in our digital mockup as it is not essential for completing our tasks. The policy tab is focused on observing changes in behavior before and after policy changes. Once the user clicks on one specific policy a window will open and details of that policy will show on the window.

