

KS3/4 Training Plan – Class Teachers

Class Teachers

Introduction

What does a Class Teacher need to be able to find out from Analytics?

- Performance of students against expected attainment
 - Who is furthest away from expectations?
- Performance of students in your class over time
 - Who is and who is not improving as expected? Does this relate to the topics taught?
- The progress of students
 - Who is making less progress than expected or than their peers?
- In-depth information about a student's performance across all qualifications
- Performance of one class compared to others
- Achievement and progress of students within groups

The Basics

- Introduce the Analytics homepage (changing username / password, announcements)
- Show HELP > Videos & Guides section.
- Go to Reports homepage and explain the navigation.
- Open a data set and explain status, notes, and data set information.
- Select 'Take me to a qualification/class' and show how to select their qualification/class. This will take you to the Grades Area – Grade List Report – Students Level.

Grade List Report

- Show and explain different figures available (including EAP Diff (Whole) and (Sub) columns, if available).
- Explain the colour coding and show the summary row.
- Show and explain basic navigation using the blue navigation bar.
- Show and explain the key characteristics, print and export buttons.
- Show and explain the On Track filters, if available.

Performance against Expectations

Sisra Data Collaboration

- Explain what the Sisra Data Collaboration is.
- Show and explain Subject Progress Index (SPI), if available.
- Show how to sort and order using the Sort dropdown.
- Sort by 'Subject Progress Index' to view students with the largest difference between their grade and the collaborative average for students with the same KS2 prior attainment in the Sisra Data Collaboration.
- Show and explain the Qualification Grouping icon.

On Track

- Sort by 'EAP Diff (Whole)' or 'EAP Diff (Sub)', if available, and click the 9-1 arrow to sort in ascending order, to find the students working furthest from their expectations.
- Click 'Below Track' to find students below track to achieve their expected grades.
- Explain how the Key Characteristics has updated to only include the students selected.
- Show and explain the Sub/Whole toggle, which determines whether sub or whole grades are taken into account for these calculations.
- Explain how the colour coding has changed based on this.
- Click 'All' in the On Track filters to return to the previous report.

Focus Groups

- Click Filters tab > 'Add Filters' and select a Focus Group to filter the report by (if available).
- Explain the default Focus Group (if applicable) and what this represents.
- Show how to switch to a different qualification or class using the dropdowns in the Options tab.
- Click the Reset arrow on the Filters tab to return to the original report.

SPI Scattergraph Report

- Navigate to Grades Area – SPI Scattergraph Report – Students Level.
- Explain how this displays how students have performed in the selected qualification compared to students with the same KS2 prior attainment in the Sisra Data Collaboration.
- Show how clicking a dot will display the students included.
- Explain the collaboration data average line and what this shows.
- Scroll to the bottom of the page to view the averages used for each KS2 prior attainment in the calculations.

TASK 1

Performance against Targets

- Navigate back to Grades Area – Grade List Report – Students Level.

Compare

- Click Dataset tab and select a data set (e.g. Targets) in the Compare dropdown to show how to compare to other types of data.
- Explain the compare colour coding.
- Sort by 'Grade Points (Diff)' to identify students working furthest and closest from their Targets.

Comparison Matrix Report

- With Compare still applied, navigate to Grades Area – Comparison Matrix – Students Report.
- Explain how this displays a matrix showing the number of students achieving each grade in the Main Focus data set, compared to the Compare data set.
- Explain the comparison colour coding.
- Identify students that are below target.
- Explain that by drilling down via specific figures, you will be directed to the relevant Student Level Report, but this can also be done using the navigation bar.
- Deselect the grade in the Grade dropdown to return to the previous report.

TASK 2

Performance over Time

Tracker

- Select Track in the Dataset tab to show how this displays the performance over time and allows you to see if the gap is closing.
- Explain the tracker colour coding and how this is comparing to Targets as the Compare selection is still applied.
- Select 'None' in the Compare dropdown and show how the colour coding changes. This is now based on the previous assessments.
- Select 'Whole' in the Sub/Whole toggle and show how the colour coding changes.
- Select 'View' in the Dataset tab to return to the original report.

Matrix Report

- Navigate to Grades Area – Matrix Report – Students Level.
- Explain how this shows a matrix displaying the number of students with each KS2 prior attainment that have achieved each grade in the selected qualification.
- Identify outliers (students performing better or worse than expected, based on their KS2 prior attainment).
- Use the Filters tab to apply one or more filter/s and show the effect on the report.
- Click the Reset arrow on the Filters tab to return to the original report.
- Drill down into a specific figure to view the students included.

TASK 3

Individual Students

Student Detail Overview Report

- Navigate to Student Detail Area – Overview Report – Students Level using the blue navigation bar and select a student from the dropdown, or click on a student’s name from the previous report.
- Explain the Student Filters section and how this displays contextual information for the student.
- Explain the Overall section, if available, and how this can be used to quickly identify how many qualifications the student is above, on or below track to achieve their expected grades.
- Explain the Qualifications section, which shows the grades the student has achieved compared to their expected grades for that term.
- Show and explain student flightpaths, including how to change the qualification or type of chart shown (plotted expectation or line of best fit).
- Select Track in the Dataset tab to show how this displays the student’s performance over time.
- Explain the tracker colour coding.
- Select Targets in the Compare dropdown in the Dataset tab to investigate any anomalies.
- Select ‘None’ in the Compare dropdown and ‘View’ in the Dataset tab to return to the original report.

TASK 4

Class Performance

Grades Totals Report

- Navigate to Grades Area – Totals Report – Classes Level and select a qualification from the Qualification dropdown in the Options tab.
- Explain how this shows the total grades and points achieved for each class in the selected qualification.
- Click % to switch to view percentages and select 'Below Track' in the Sort dropdown to compare classes performing below their expectations.
- Use the Sub/Whole toggle to change to either take differences in whole or sub grades into account.
- Compare individual classes to overall performance using the Summary row.

Grades Overview Report

- Navigate to Grades Area – Overview Report – Classes Level.
- Explain how this shows a summary of figures, such as grade counts, totals and averages which can be used to compare class performance to one another.
- Apply cumulative by clicking the curved graph next to 'Standard' and use the summary row to see the percentage of students achieving a pass (9-4 for a standard pass and 9-5 for a strong pass).
- Switch back to count (abacus symbol) and standard view.
- Select a data set (e.g. Targets) in the Compare dropdown in the Dataset tab to investigate any anomalies.

Tracker

- Select Track in the Dataset tab to show how this displays each class's average points over time.
- Explain the tracker colour coding and how this is comparing to Targets as the Compare selection is still applied.
- Select 'None' in the Compare dropdown and show how the colour coding changes. This is now based on the previous assessments.
- Click 'View' in the Dataset tab to return to the original report.

TASK 5

Group Analysis

- Navigate back to Grades Area – Totals Report – Classes Level.

Filters

- Show and explain the Filters tab and Breakdown dropdown.
- Explain the breakdown colour coding.
- Show how these can be used in conjunction with each other, e.g. view girls with high prior attainment broken down by Pupil Premium.
- Click % to switch to view percentages.
- Show and explain GAP Analysis for any filter group selected in the Breakdown dropdown with two values.
- Select Track in the Dataset tab to show how this displays each class's average points over time, broken down by the selected filter.
- Click 'View' in the Dataset tab to return to the original report.
- Click the reset arrow on the Filters tab and deselect the Breakdown filter to return to the previous report.

Grades Totals Report

- Navigate to Grades Area – Totals Report – Filters Level.
- Explain how this shows the total grades and points achieved for each filter group in the cohort.
- Select a qualification and class from the dropdowns in the Options tab.
- Select 'Below Track' in the Sort dropdown to view filter groups that are below track to achieve their expected grades.

TASK 6