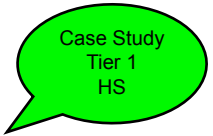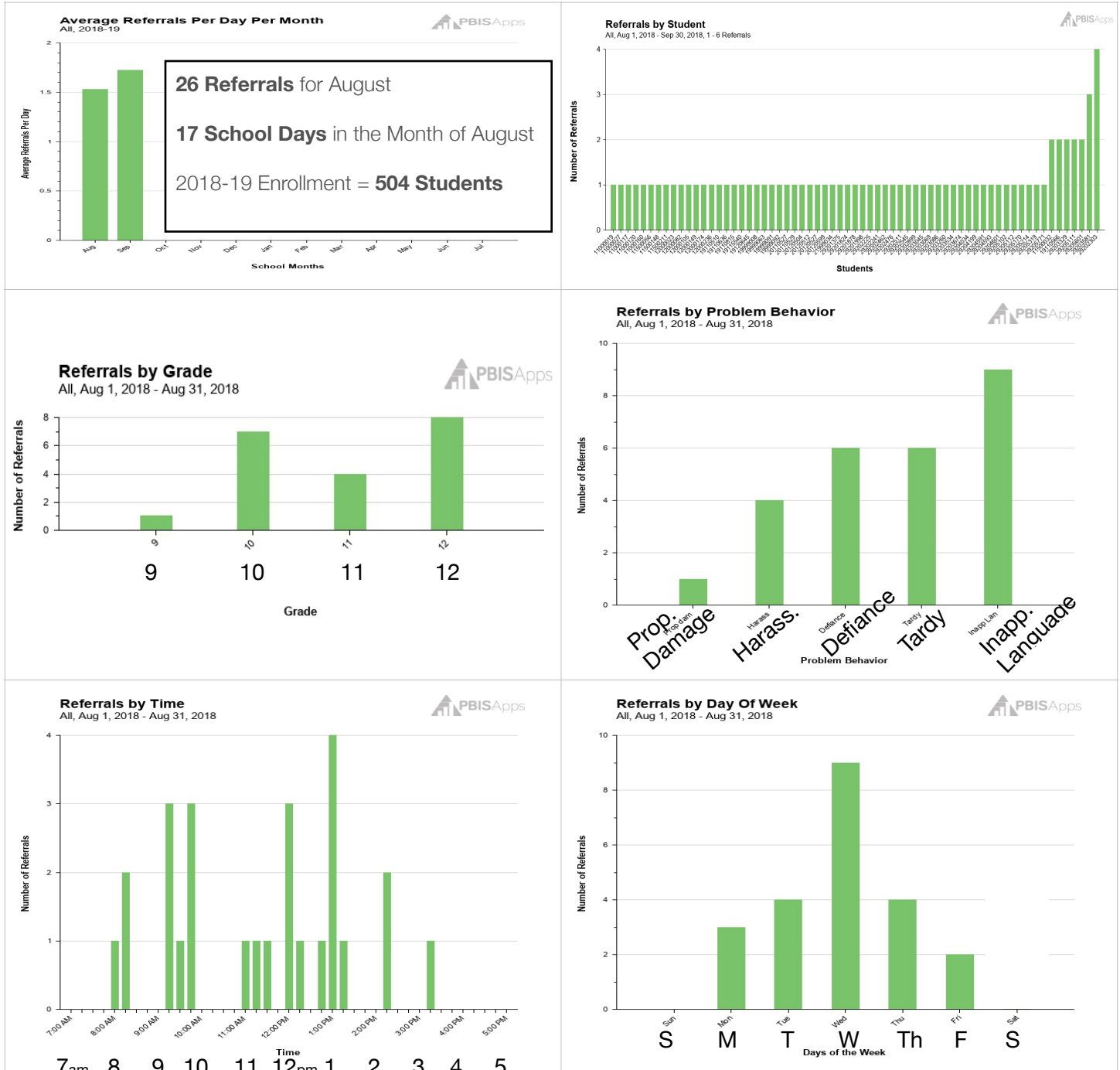# School-Wide Case Study
Data Analysis Worksheet & Problem Solving Worksheet
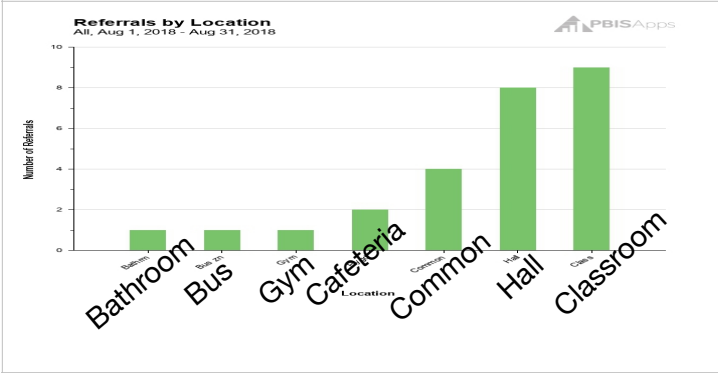
Your Tier 1 PBIS Team is meeting to look at school-wide data from August.

STEP #1: Use the Big 7 data graphs below to complete page 1 of the *Data Analysis Worksheet*.
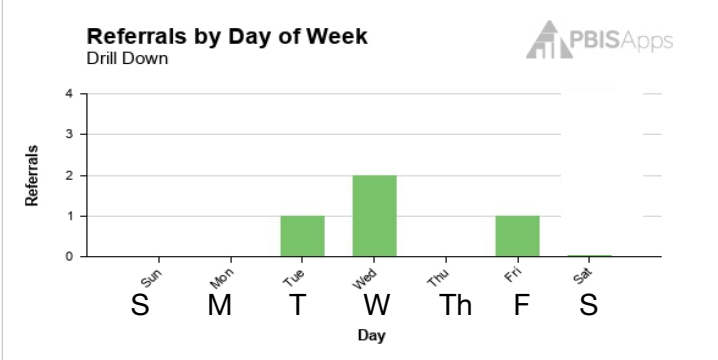

Average Referrals Per Day Per Month
All, 2018-19

26 Referrals for August

17 School Days in the Month of August

2018-19 Enrollment = **504 Students**

Referrals by Student
All, Aug 1, 2018 - Sep 30, 2018, 1 - 6 Referrals

Referrals by Grade
All, Aug 1, 2018 - Aug 31, 2018

9   10   11   12

Referrals by Problem Behavior
All, Aug 1, 2018 - Aug 31, 2018

Prop. Damage   Harass.   Defiance   Tardy   Inapp. Language

Referrals by Time
All, Aug 1, 2018 - Aug 31, 2018

7am 8 9 10 11 12pm 1 2 3 4 5

Referrals by Day Of Week
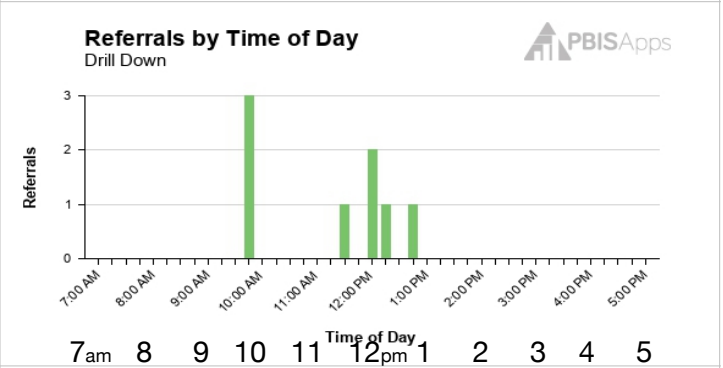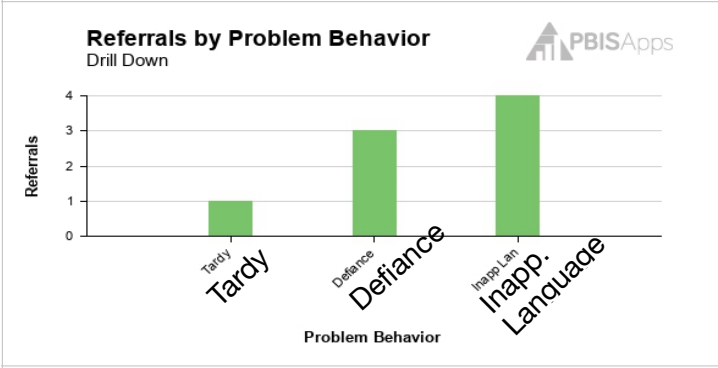All, Aug 1, 2018 - Aug 31, 2018

S   M   T   W   Th   F   S

School-Wide Case Study
Data Analysis Worksheet & Problem Solving Worksheet

Referrals by Location
All, Aug 1, 2018 - Aug 31, 2018

STEP #2: Based on the data above, your team makes the decision to look deeper at the behavior problems that occurred in the Classrooms during August. So, the team drilled down (filtered August data) by **Classroom**. Here are the Big 5 data graphs for the Classroom location.

Referrals by Grade
Drill Down

Referrals by Student
Confidential
Drill Down

Referrals by Problem Behavior
Drill Down

Referrals by Time of Day
Drill Down

Referrals by Day of Week
Drill Down

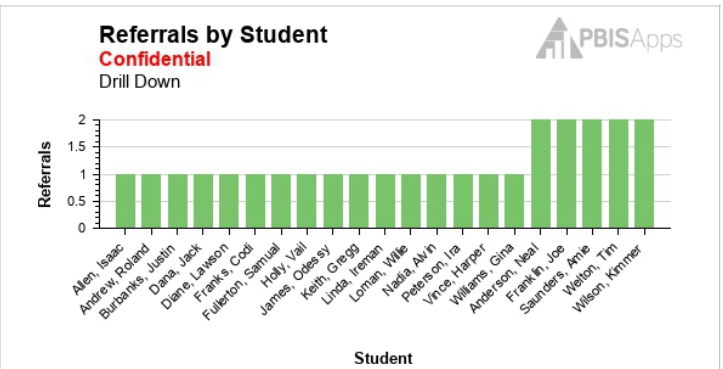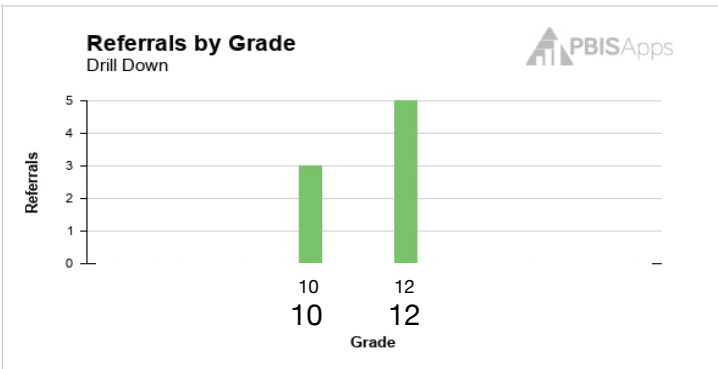# School-Wide Case Study
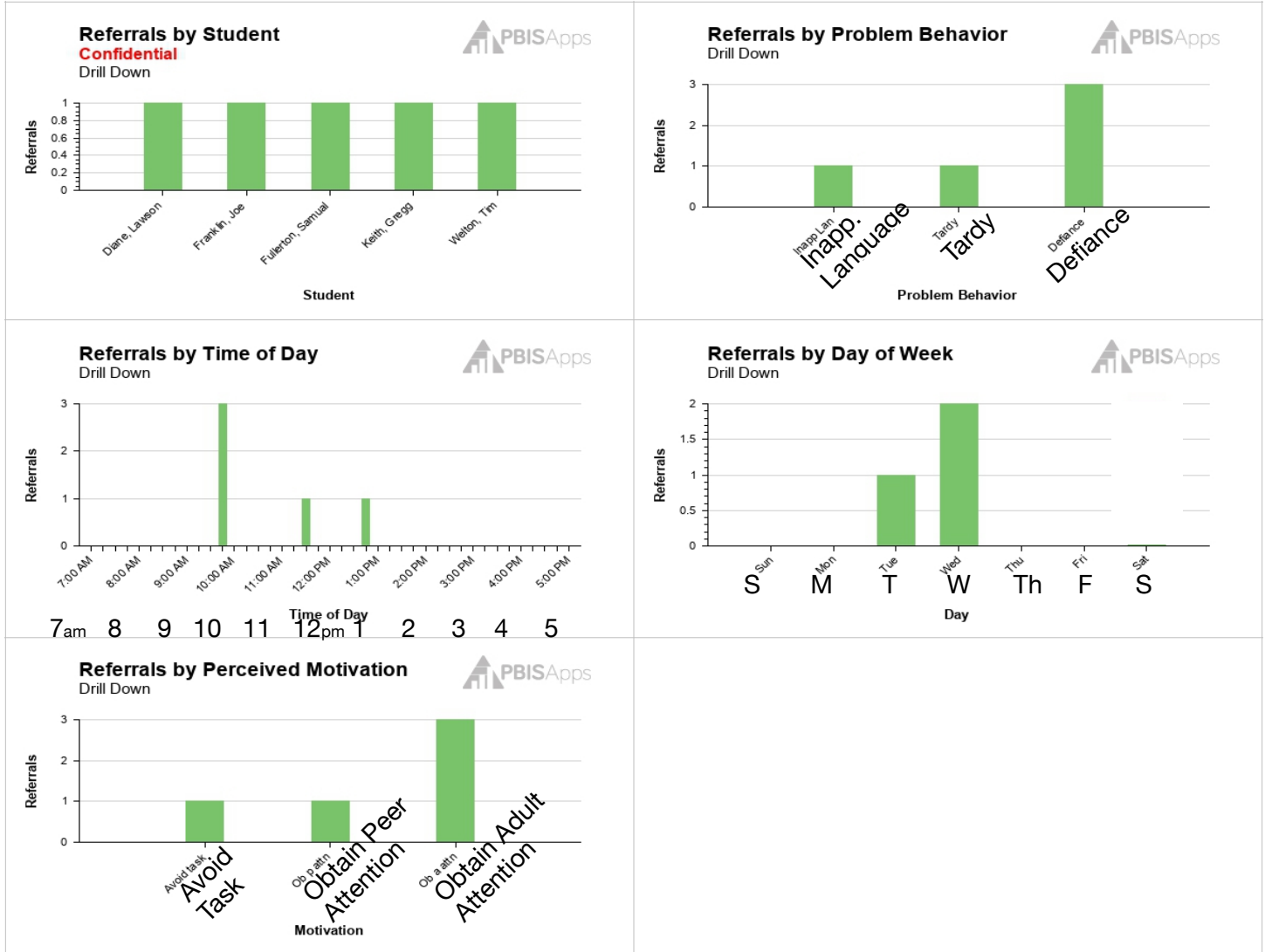*Data Analysis Worksheet & Problem Solving Worksheet*

STEP #3: Based on the data above, your team is most concerned about the 12th grade. So, the team drilled down (filtered August Classroom data) by **12th grade**. Here are the Big 4 graphs for the 12th grade Classroom. You also looked at Motivation, now that you have drilled down to a specific location and grade.

STEP #4: Based on the data above, use this drilled down data to complete page 2 of the *Data Analysis Worksheet* to write a Precise Problem Statement (Who, What, When, Where, Why) for the month of August that you intend to solve.

STEP #5: Complete the 1st page of the *Problem Solving Worksheet* using your Precise Problem Statement. For a school-wide problem (like this Case Study shows) you do not need complete the Targeted Student portion of the *Problem Solving Worksheet*.

STEP #6: Once that you have written the Precise Problem Statement complete the rest of the *Problem Solving Worksheet* to create a Tier 1 intervention.

Blank Page

Data Analysis Worksheet

School: _____   Month/Year: _____

Office Discipline Referrals	
Average Referrals per Day per Month (ODR ÷ # School Days)	
ODR Rate: Average Referral per 100 Students per Day (ODR ÷ # Students ÷ # School Days × 100)	
How does our rate compare with last month? (What is the trend: Increase, Decrease, or Flat)	

Students - WHO were the Top 3 most frequent students this month?

Grade - WHO were the Top 3 most frequent grades?

Problem Behaviors - WHAT were the Top 3 most frequent problem behaviors?

Time of Day - WHEN were the Top 3 most frequent times?

Day of Week - WHEN were the Top 3 most frequent days?

Location - WHERE were the Top 3 most frequent locations?

Triangle Data
How many students with 6+ ODR since start of school? (Tier 3)
How many students with 2-5 ODR since start of school? (Tier 2)
How many students with 0-1 ODR since start of school? (Tier 1)

Data Analysis Worksheet

Additional Behavior Data	
Average Referrals per Day this month? Trend? *(from front page)*	
# **Suspensions** (ISS/OSS) this month? Trend?	
# **Absences** this month? Trend?	
# **Tardies** this month? Trend?	

Define a *Precise Problem Statement*	
Pro Tip: Based on front page, choose the most problematic category this month, then filter the ODR database by that category and 'drill down' to analyze the problem with more precision.	
WHO is engaged in problem behavior?	
WHAT is the problem behavior?	
WHERE are problem behaviors occurring?	
WHEN are problem behaviors most likely to occur?	
WHY might this be happening?	

Use the *Problem Solving Worksheet* to plan an intervention
for this Precise Problem Statement

Problem Solving Worksheet

Behavior or Student: _____   Date: _____

Precise Problem Statement *(From Data Analysis Worksheet)*	
Who is engaged in the behavior?	
What is the problem behavior?	
When is the behavior occuring?	
Where is the behavior occuring?	
Why…?	
Precise Problem Statement (all 5W's)	
For targeted student: List the assessments that indicate problems (**Assessment Matrix**)	
For targeted student: List the interventions that match the behavior (**Intervention Matrix**)	

Problem Solving Worksheet

Problem Solving Procedures *(adapted from TIPS II)*		
Plan to **PREVENT** the behavior problem		
Plan to **TEACH** a replacement behavior		
Plan to **REINFORCE** replacement behavior		
Plan to **EXTINGUISH** behavior problem		
CONSEQUENCE for behavior problem (Safety plan for dangerous behaviors)		
Plan to **MONITOR** progress	Monitor Staff Fidelity:	Monitor Student Behavior:
	Date to Evaluate Progress (min. 2x/month):	Person Responsible: