Sample Lesson Plan:

Goal:

Objective:

Essential Questions
1. How are numbers arranged on a number line?
2. When numbers have the same sign how do we combine them? If the sign is different?
3. What does it look like to visually add and subtract numbers?

TIP: Review Basic Circle of Real Numbers and classifications
Show students the orientation of numbers on a number line
Demonstrate the movements of position on the number line when adding/subtracting
Introduce Integer football Alice Program

TGP: Demonstrate adding 4 + 5 on a Number Line
Have students replicate Drawing of Number Line Positions and Changes
Demonstrate 10 + (-4) on the Number Line
Play Integer Football Program

IP: Practice Problems from Adding & Subtracting Wrkshts

Wrap Up:
1. Where are the Numbers arranged on the Number Line
2. How does that correspond the yardlines on the football field?
3. What is the Rule for combining like Signs and different Signs
4. What directional movements correspond to positive and negative numbers

Ticket: Come up with 5 football plays that demonstrate at least 1 loss of 15 yrd and a total of 45 yrd gained