**10-Year Treasury Yield Day Trading Playbook**

**I. Instruments to Trade**

* Futures: ZN (10-Year Treasury Note Futures)
* ETFs: TLT (Long-term), TBT (Inverse)
* Yields: USGG10YR Index (Bloomberg)

**II. Core Technical Indicators (with Bloomberg Setup & Strategy Use)**

| **Indicator** | **Bloomberg Setup** | **Strategy Use** |
| --- | --- | --- |
| **SMA (Simple Moving Average)** | GP <GO> > Add Study > SMA > Choose 50/200 | 50-SMA shows short-term trend; 200-SMA shows long-term momentum. Golden Cross (50 > 200) = bullish; Death Cross = bearish. |
| **RSI (Relative Strength Index)** | GP <GO> > Add Study > RSI (14) | Identify overbought (>70) and oversold (<30) conditions. Look for reversals or trend continuation signals near extremes. |
| **MACD (Moving Average Convergence Divergence)** | GP <GO> > Add Study > MACD (12,26,9) | Bullish crossover: MACD > Signal. Bearish crossover: MACD < Signal. Use for momentum confirmation or divergence spotting. |
| **Bollinger Bands** | GP <GO> > Add Study > BOLL | Measure price volatility and mean-reversion. Price touching upper band + RSI >70 may suggest reversal. |
| **Fibonacci Retracement** | GP <GO> > Annotate > Fibonacci Tool | Draw from swing high to low or vice versa. Key levels (38.2%, 50%, 61.8%) used to find pullback targets or bounce zones. |
| **Candlestick Patterns** | Change chart to Candlestick View | Watch for Doji, Engulfing, and Pin Bar near support/resistance for intraday entries. |

**II-A. Technical Indicator Guide (What, Why, How)**

**SMA – Simple Moving Average**

* **What**: The average yield over a number of days (e.g., 50, 200).
* **Why**: Helps identify trend direction and strength.
* **How**: Use GP <GO> to add 50-SMA and 200-SMA. Golden Cross = bullish yield. Death Cross = bearish yield.

**RSI – Relative Strength Index**

* **What**: Momentum oscillator from 0–100.
* **Why**: Detect overbought (>70) or oversold (<30) yields.
* **How**: Use RSI(14) to time potential yield reversals post macro data.

**MACD – Moving Average Convergence Divergence**

* **What**: Momentum indicator based on EMAs.
* **Why**: Identifies trend shifts and divergence.
* **How**: Bullish crossover = buy yield, Bearish = sell yield.

**Bollinger Bands**

* **What**: Upper and lower bands around a moving average.
* **Why**: Show volatility and potential reversals.
* **How**: Fade when yield touches upper/lower band with RSI extremes.

**Fibonacci Retracement**

* **What**: Key retracement levels (38.2%, 50%, 61.8%).
* **Why**: Help find bounce zones in trending moves.
* **How**: Draw swing high to low. Trade entries at retracement levels.

**Candlestick Patterns**

* **What**: Visual price action patterns.
* **Why**: Mark intraday reversals with confidence.
* **How**: Switch to candlestick view in GP and look for Doji, Engulfing, etc.

**Confluence Trading**

* Combine RSI + BB + MACD + candlestick + macro catalyst for high-confidence setups.

**III. Key Intraday Time Windows (All EST)**

* **8:30 AM**: Major macro releases (CPI, NFP, PPI, Retail Sales)
* **10:00 AM**: ISM Services/Manufacturing, Fed speakers
* **1:00 PM**: Treasury Auctions (note market reaction to bid-to-cover, indirect take-up)
* **2:00 PM**: FOMC Minutes or Fed Balance Sheet

**IV. Trade Setup Templates by Macro Catalyst**

**A. CPI Release (8:30 AM)**

**Expectations**: High volatility, especially if inflation diverges from forecast

| **Scenario** | **Price Action** | **Trade** | **Exit Signal** |
| --- | --- | --- | --- |
| CPI Hot | Yields spike, ZN dumps | Short ZN / Buy TBT | RSI > 80, MACD diverges |
| CPI Soft | Yields drop, ZN rallies | Long ZN / Buy TLT | RSI < 20, MACD slows uptrend |

**B. Nonfarm Payrolls (NFP)**

**Expectations**: Market re-prices Fed rate expectations aggressively

| **Scenario** | **Price Action** | **Trade** | **Exit Signal** |
| --- | --- | --- | --- |
| Strong Jobs | Yields ↑ | Short ZN | Yield RSI > 75 |
| Weak Jobs | Yields ↓ | Long ZN | Yield RSI < 25 |

**C. ISM or Retail Sales (10:00 AM)**

**Expectations**: Second-tier data, still directional with macro tone

| **Scenario** | **Price Action** | **Trade** | **Exit Signal** |
| --- | --- | --- | --- |
| Strong | Yields ↑ gradually | Short ZN | 10Y yield nears resistance |
| Weak | Yields ↓ gradually | Long ZN | RSI crosses 60 |

**D. Treasury Auction (1:00 PM)**

**Watch**: Bid-to-cover ratio, primary dealer support, tail

| **Scenario** | **Price Action** | **Trade** | **Exit Signal** |
| --- | --- | --- | --- |
| Weak Auction | Yields ↑ sharply | Short ZN | Fade spike if RSI > 75 |
| Strong Auction | Yields ↓ sharply | Long ZN | Fade dip if RSI < 25 |

**V. Risk Management Rules**

* Always trade with stop-loss: 4–6 ticks on futures
* Use tight size before news, scale after reaction confirmed
* Exit partial at Bollinger midpoint or when MACD starts to flatten

**VI. Tools for Live Trading**

| **Function** | **Bloomberg Command** | **Use** |
| --- | --- | --- |
| Chart Setup | USGG10YR Index > GP <GO> | View yield and add studies like SMA, RSI, MACD, BOLL |
| Overlay ZN Futures | ZN1 Comdty GP <GO> > Overlay USGG10YR Index | Compare futures vs. cash yields |
| Alerts | ALRT <GO> | Set RSI > 70, MACD cross alerts |
| Backtest | BETA <GO> or STNI <GO> | Evaluate strategies on historical data |
| Dashboard | DES <GO> | Build trading dashboard with macro + tech widgets |
| Excel Add-in | Bloomberg Ribbon in Excel | Pull real-time/historical yield + compute RSI/SMA/etc. |

**VII. Pro Tips**

* Use TEMPLATE in GP to save and reuse chart layouts
* Fed speakers often reverse direction — check FOMC calendar
* Watch for confluence: RSI extremes + candlestick signal + macro catalyst
* Combine tech + macro to increase conviction and reduce false signals

Stay systematic. Combine technical signals + macro timing for high-conviction trades.