

# Signal Basics

You need to know the territory and which tracks are mainline and which leg of a switch is the 'diverging' route

- Signals are approach-lit
- Engineer sits on the right side of the locomotive – signals will be right of track centerline
- Multiple targets on one signal
  - Top target = mainline
  - Lower target(s) = diverging routes
- Aspect – Indication
  - Red – Stop
  - Yellow – slow, next signal red
  - Green – proceed
  - Dark signals (approach-lit) – if you are at the signal, you have to assume the signal system is down
- Green over red – take the main with no reduction in speed
- Yellow over red – take the main at reduced speed, prepare to stop at the next signal
- Red over red - stop
- Red over green – take the diverging route
- Red over yellow – take the diverging route at reduced speed, prepare to stop at the next signal
- Signal bridge, targets are side by side
  - Left target=left track
  - Right target=right track
- Left target=green, left track=proceed with no reduction in speed
- Right target=red, right track=stop

- Left target=yellow, left track=proceed at reduced speed, prepare to stop at the next signal
- Right target=red, right track=stop
- Left target=red, left track=stop
- Right target=green, right track= proceed with no reduction in speed
- Left target=red, left track=stop
- Right target=yellow, right track=proceed at reduced speed, prepare to stop at the next signal