



# Ball Flight Laws



# Ball Flight Laws

- Knowing these will be the greatest tool to teach with simplicity.

# 5 Components

- Clubhead path
- Clubface angle
- Angle of approach
- Speed
- Solid contact must be present for the laws to hold true.

# Ball Flight Laws - Simplified

- Where the balls starts represents the path of the hands.
- Where the ball finishes represents the clubface angle.
- 9 possible similar patterns.

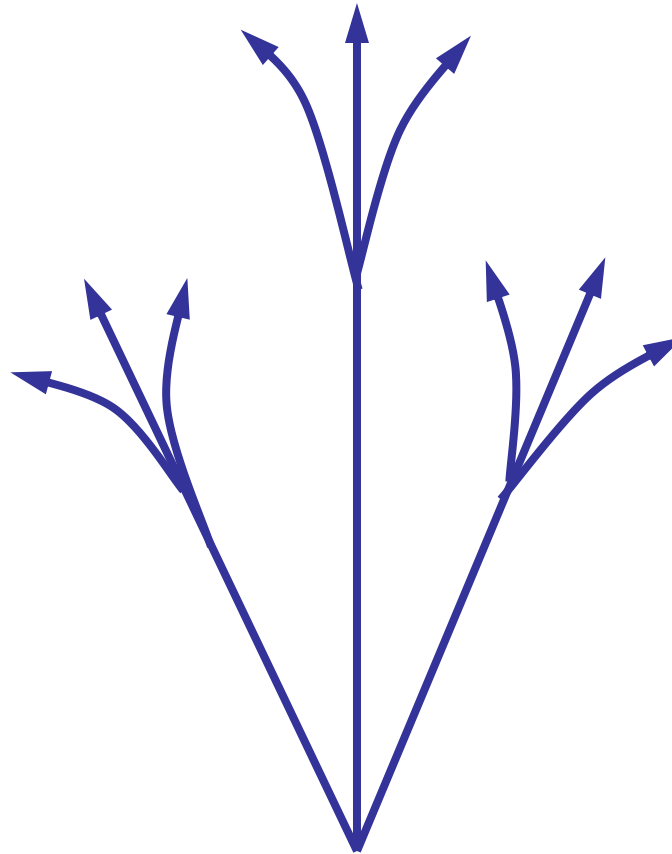
# Ball Flight Laws - Simplified

- The two main components are...**initial direction and curvature.**
- Club head speed, solid contact, effective loft and angle of approach are keys to trajectory and distance.

# Trajectory

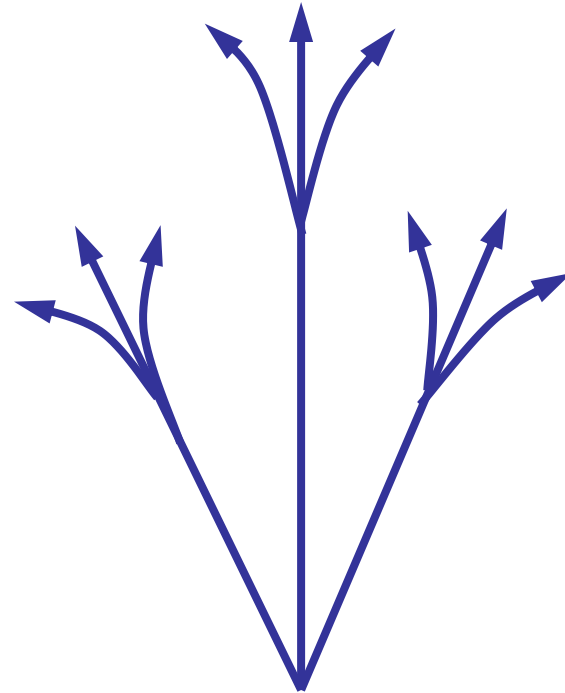
- This is based mainly on hand positioning at impact in relation to the club head.
  - If hands are behind the club head at impact the flight will be higher.
  - If hands are ahead of the club head at impact the flight will be lower.

# 9 Ball Flight Paths



# Ball Flight Laws - Review

- Path of hands
- Clubface Angle





Time to practice...

