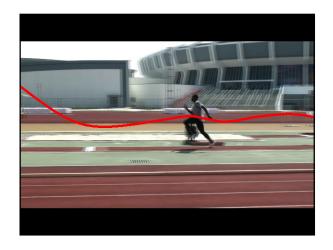
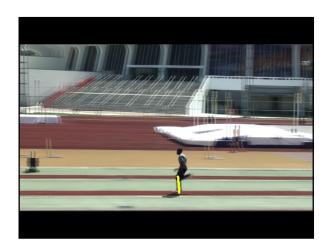


## Prepreparation in the Long Jump

- Oscillations of the Center of Mass
- Relationship to Preparation and Takeoff
- Shin Angles







# Prepreparation in the Long Jump

- Foot Locations in the Final Steps
  - Takeoff Step and the Third to Last
  - Penultimate Step and the Fourth to Last

### Preparation in the Long Jump

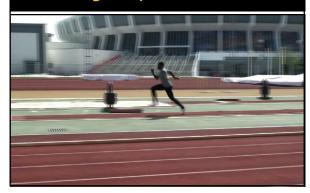
- Lowering the Center of Mass
- The Penultimate Step
  - Foot Contacts
    - Location
    - Patterns
  - Lowering and Direction
- Continued Displacement

# Preparation in the Long Jump

### The Long Jump Takeoff

- Foot Contact
  - Location
  - Patterns
- Path of the Body's Center of Mass
  - Horizontal
  - Vertical
- Swinging Segments

### The Long Jump Takeoff

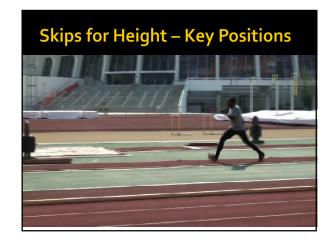


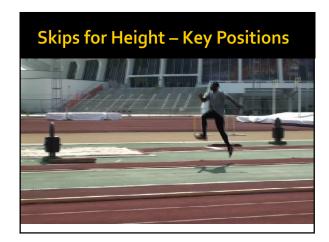
# **Teaching Preparation & Takeoff**

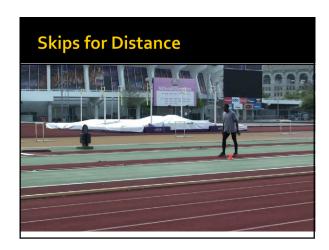
- Fundamental Drills
  - Skipping for Height & Distance
  - Run Run Jump
  - Hurdle Jumps
- Run Run Jump as a Teaching Progression
  - Preliminary Variations
  - Advanced Variations
- Specific Teaching
  - Starter Long Jump Takeoffs
  - Short Run Takeoffs
  - Short Run Jumps

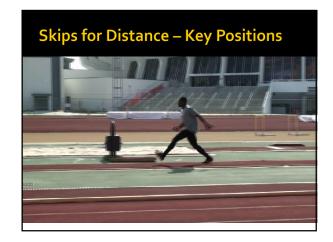
#### **Skips for Height**

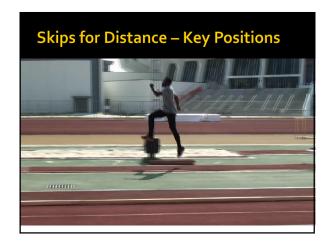


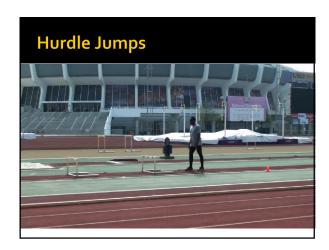






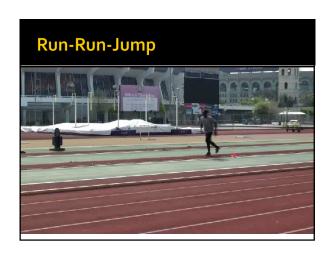




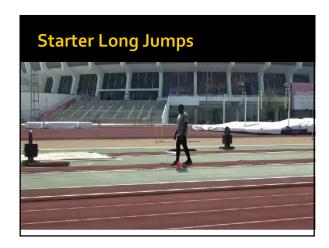


# Hurdle Jumps – Key Positions

Hurdle Jumps – Key Positions
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Run-Run-Jump as a Teaching Platform				





## The Long Jump Flight Phase

- Rotation Control
- Initial Movements
- Flight Styles
  - Hang
  - Hitchkick
  - Combinations

## **Teaching the Flight Phase**

- Embedded Teaching
- Teaching Practices
  - Cycling Finishes
  - Repetitive Takeoffs
  - Hurdle Jumps

# The Long Jump Flight Phase



## The Long Jump Landing

- In Flight Movements
  - Timing
  - Arm Sweep
  - Leg Extension
  - Torso Position
- Post Impact Movements
  - Torso Position
  - Absorption
  - Kickout or Turnout

## **Teaching the Landing**

- Technical Standing Long Jumps
  - SLJ Stick
  - SLJ Squat
  - SLJ Squat Kickout
  - Synthesis
- Short Approach Jumps

### **Long Jump Landing**

