

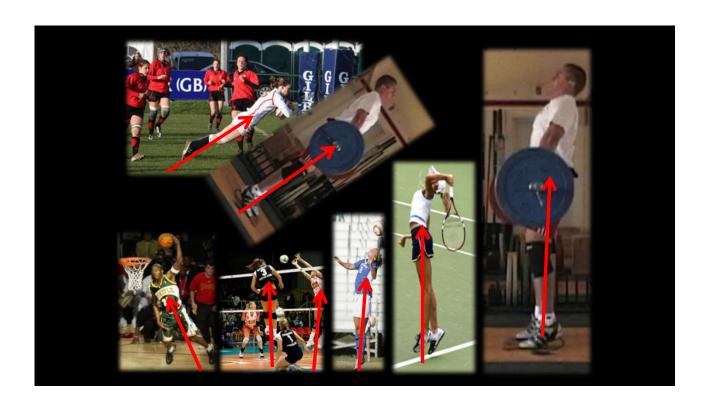


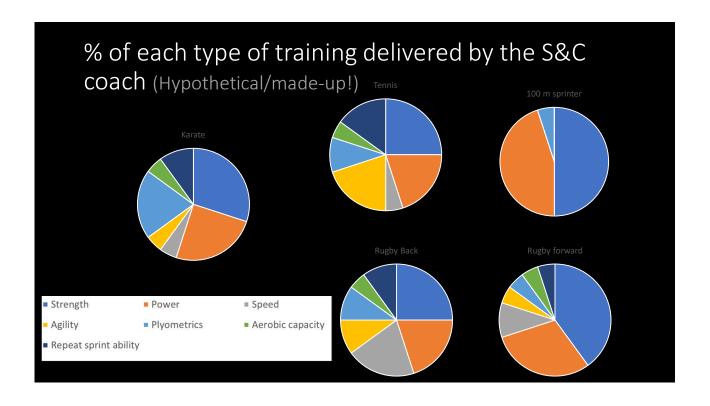
# Sport-specificity is less about *what* and more about *how much*

The core ingredients are often the same, e.g., mobility, strength, power, speed, and agility





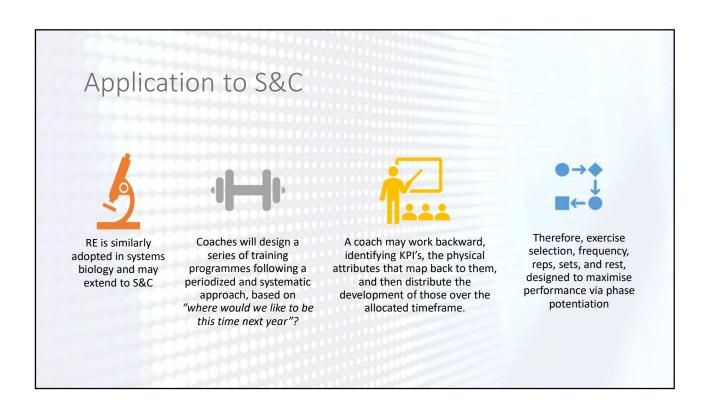


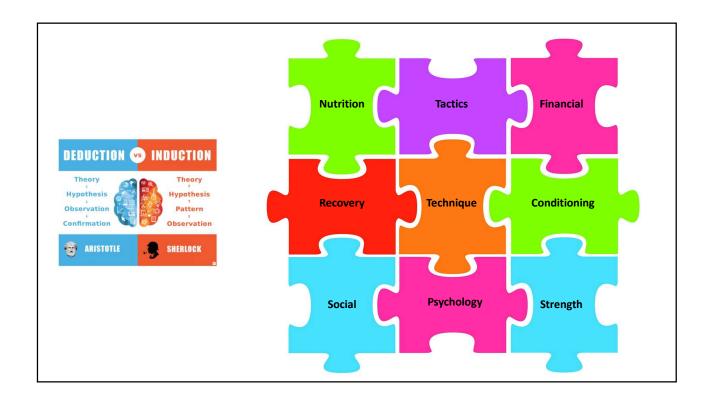


Can you be too sport-specific!?
Focus on the stimulus not the movement (kinetics and physiological adaptations are key)

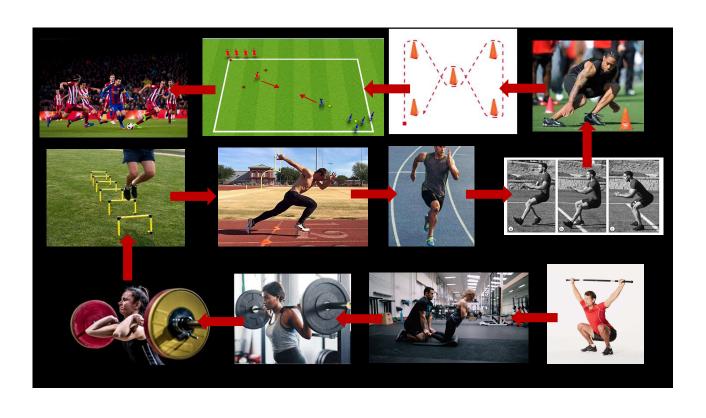


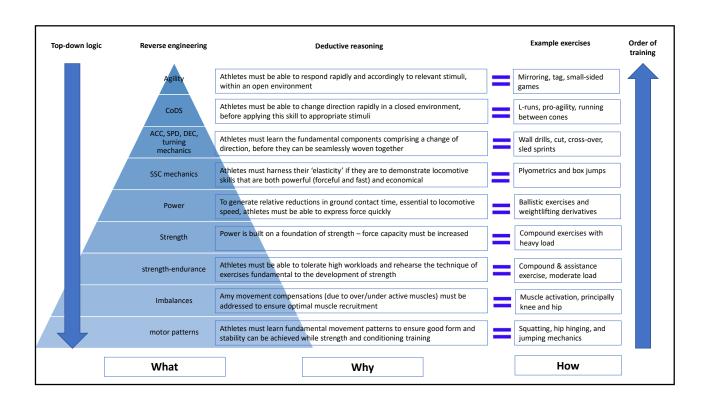


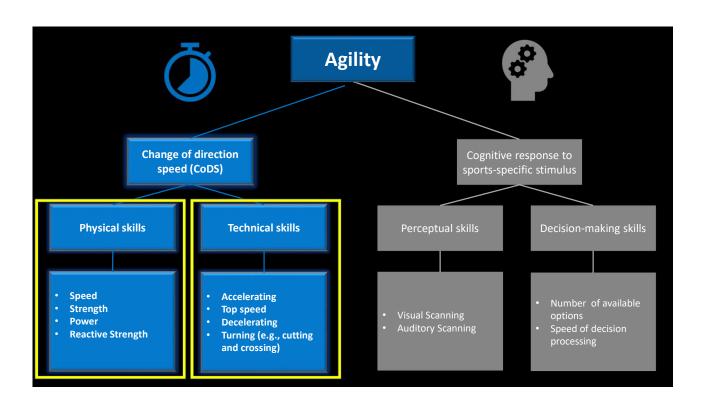




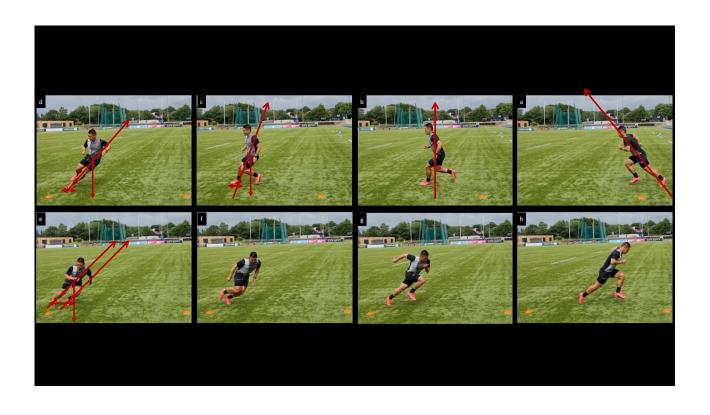


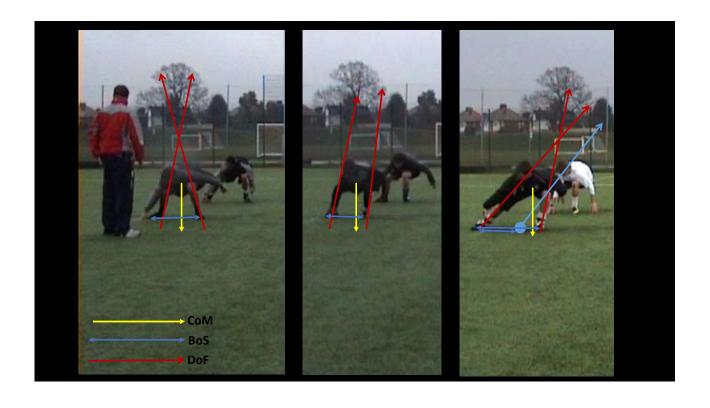


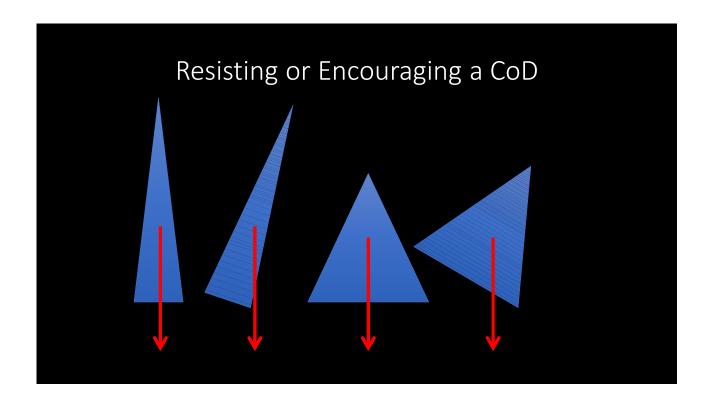






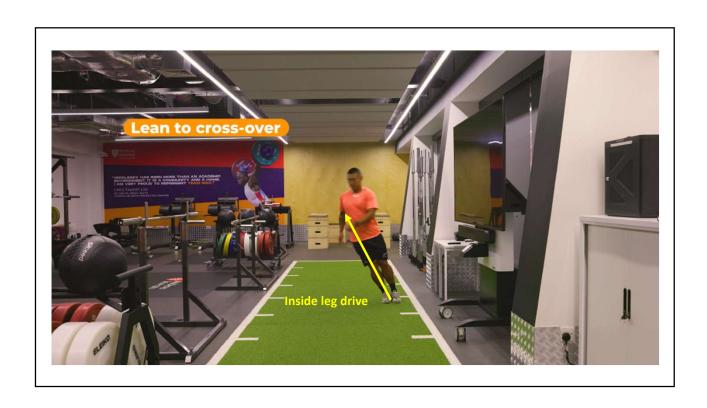


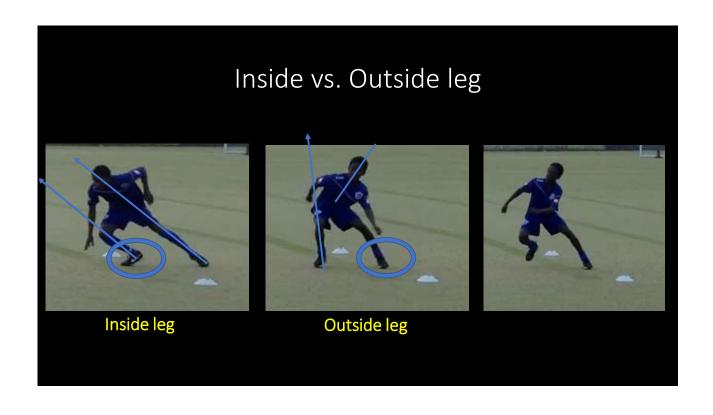


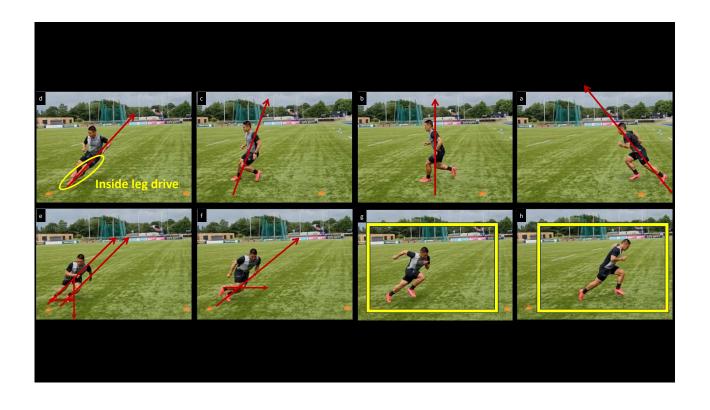


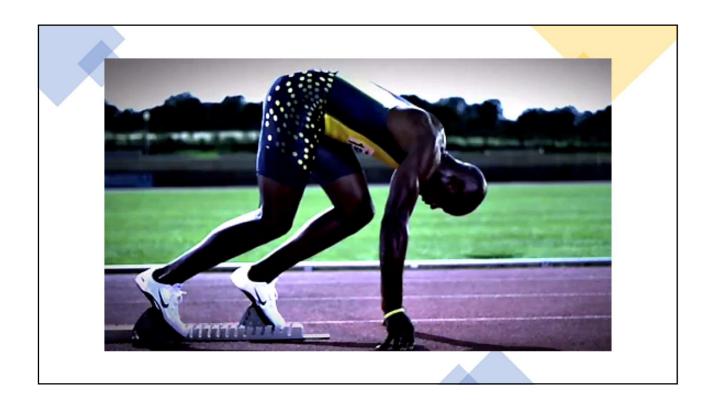


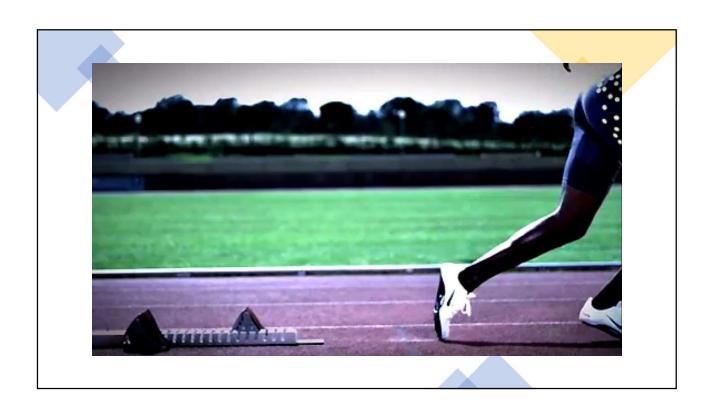


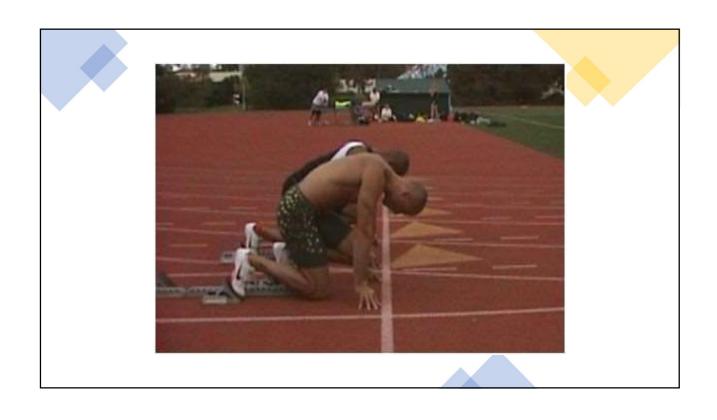




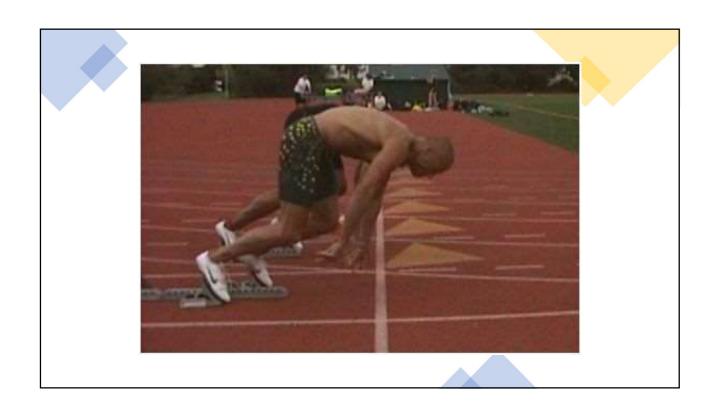


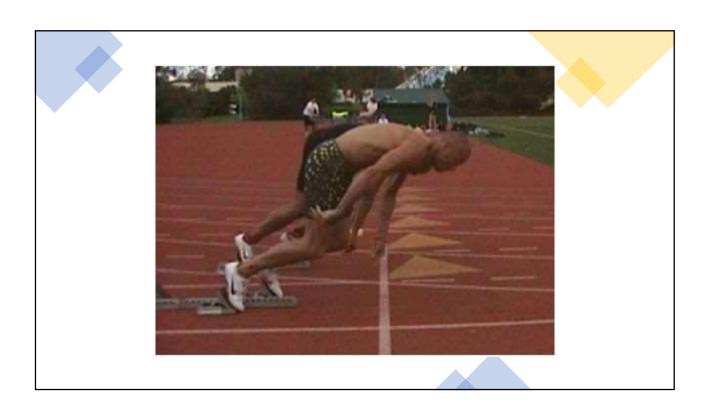


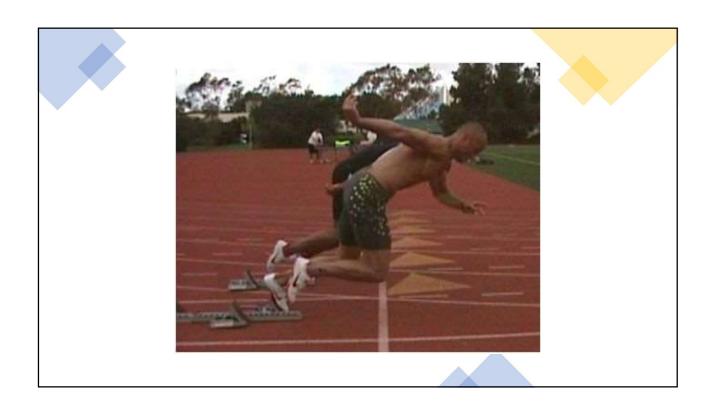






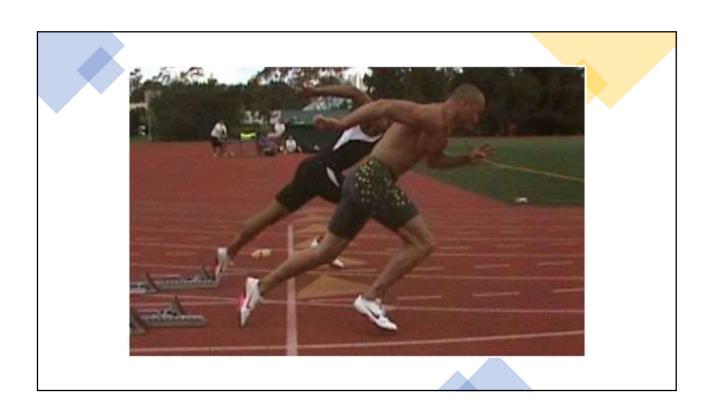


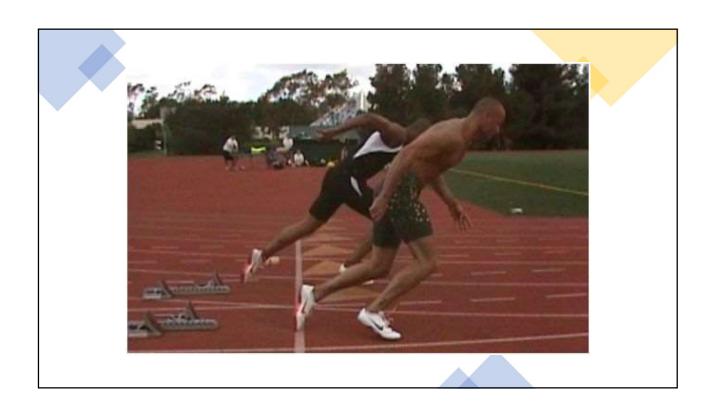




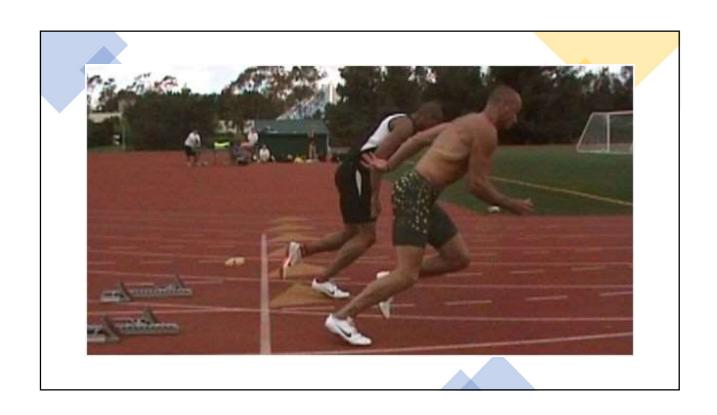


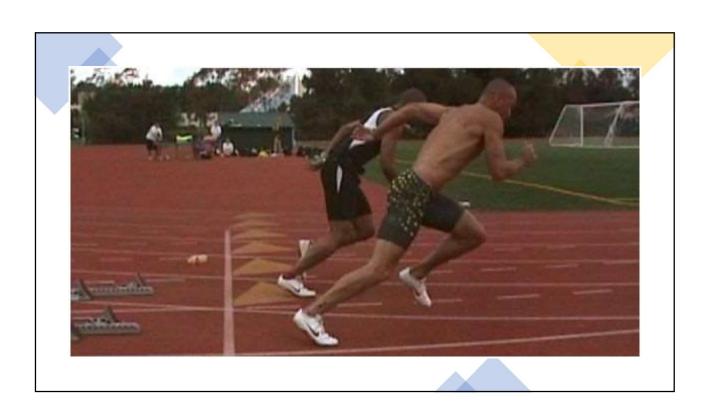


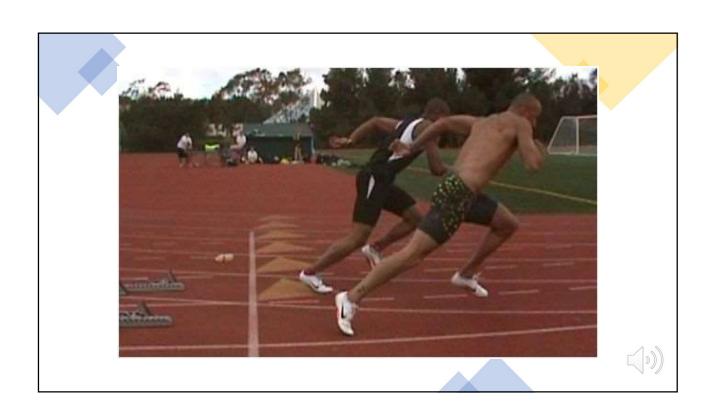


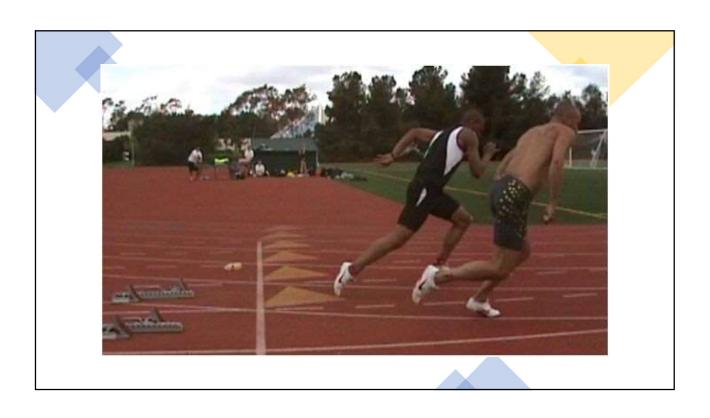


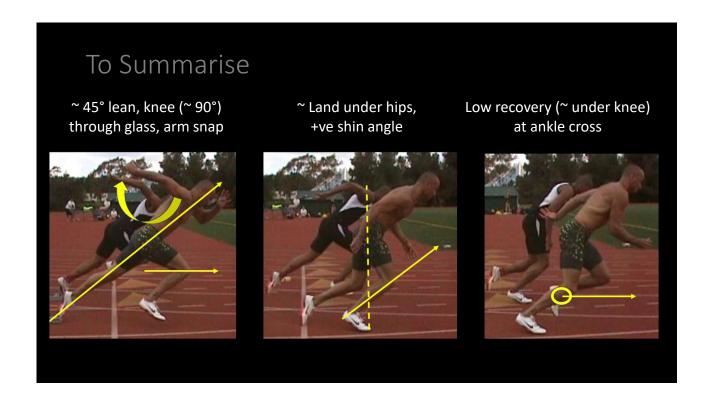






















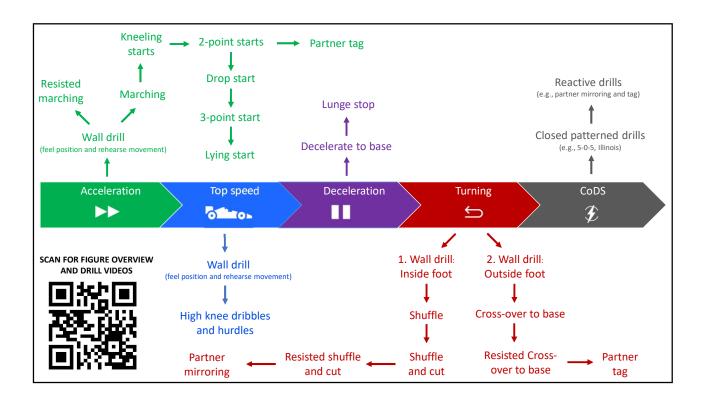


## Principles first

- The Key is to understand the mechanics.
- With this you can train all CoD manoeuvres (e.g., 60°, 90° cut)
- It's about manipulating:
   DoF, BoS and CoM

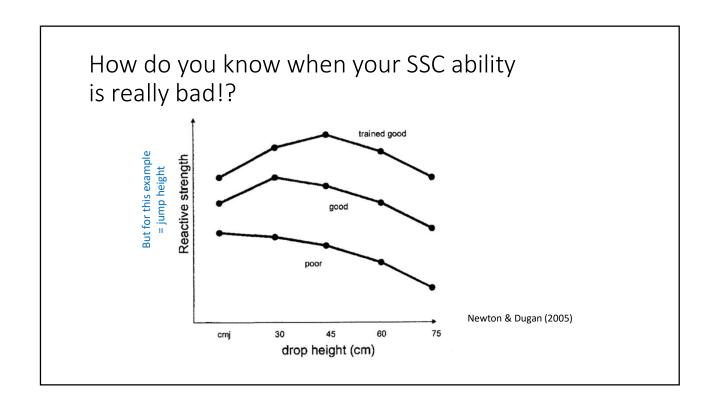


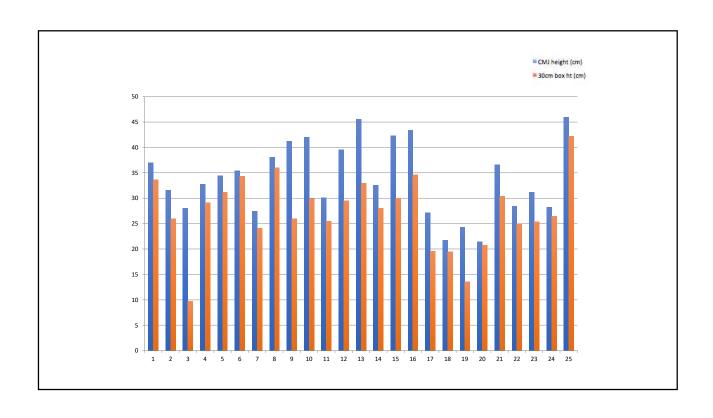


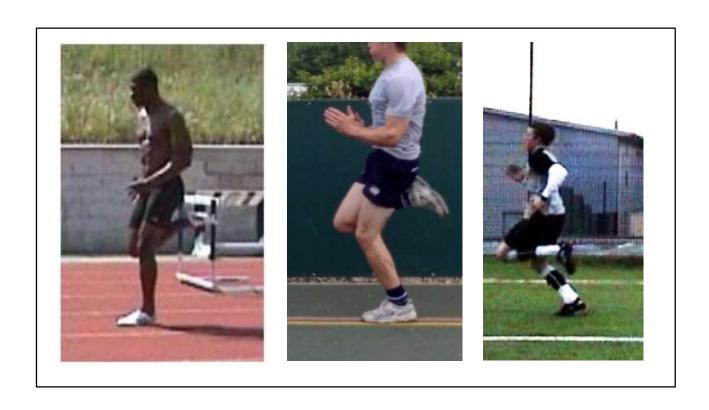










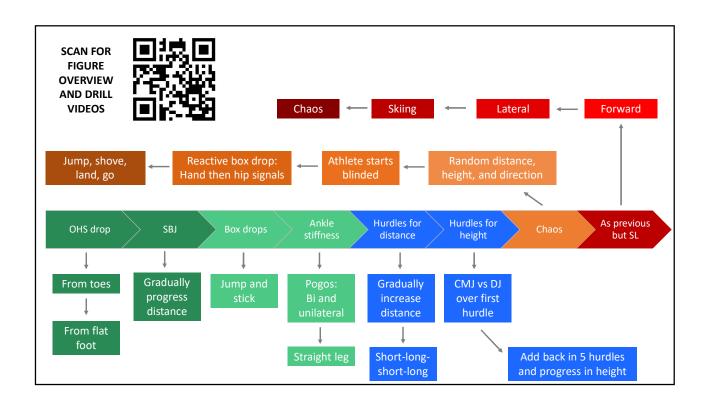


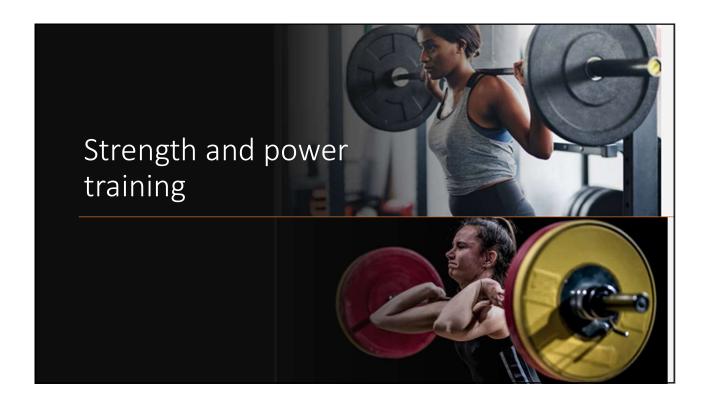


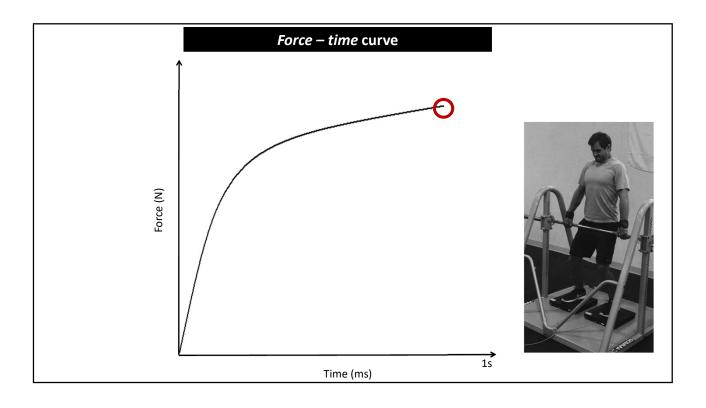


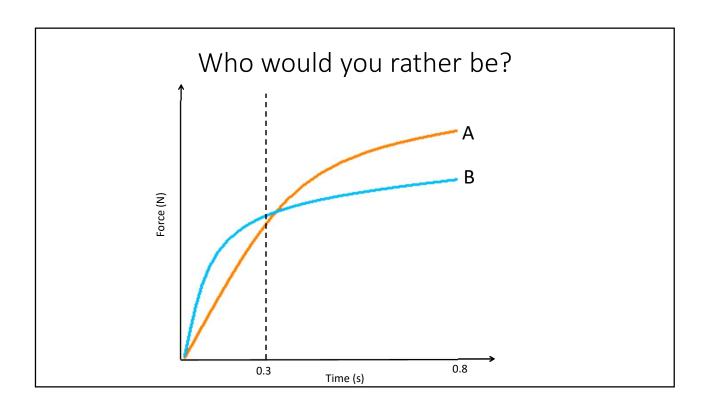


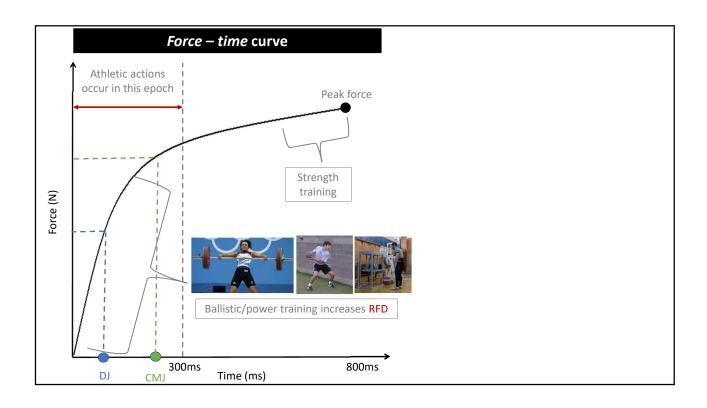


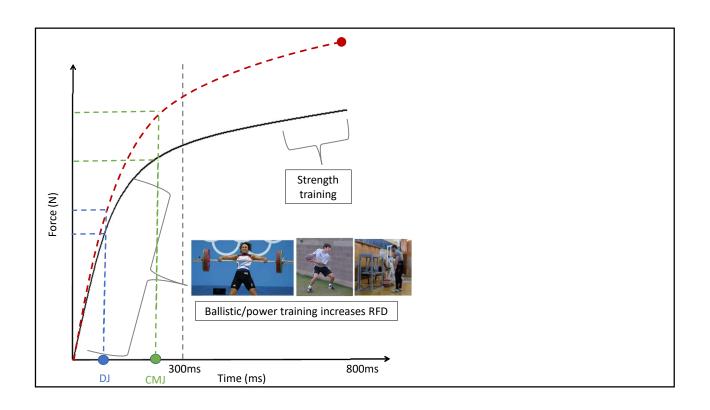


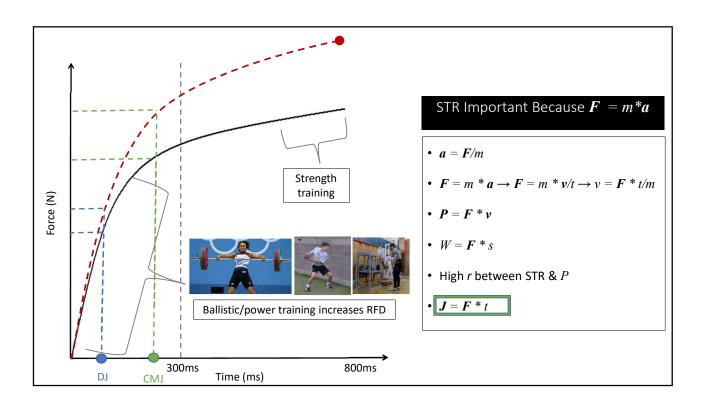


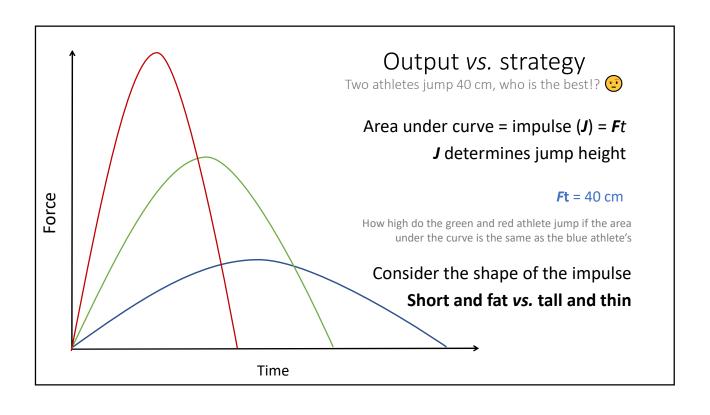


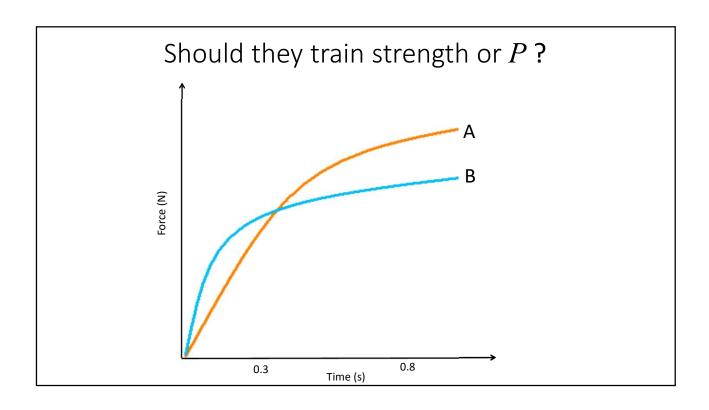


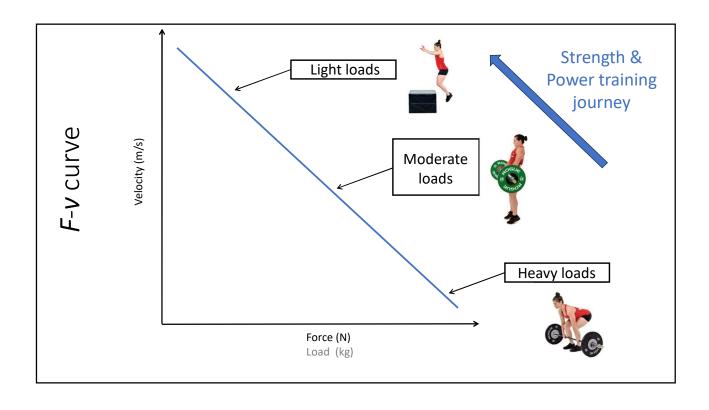


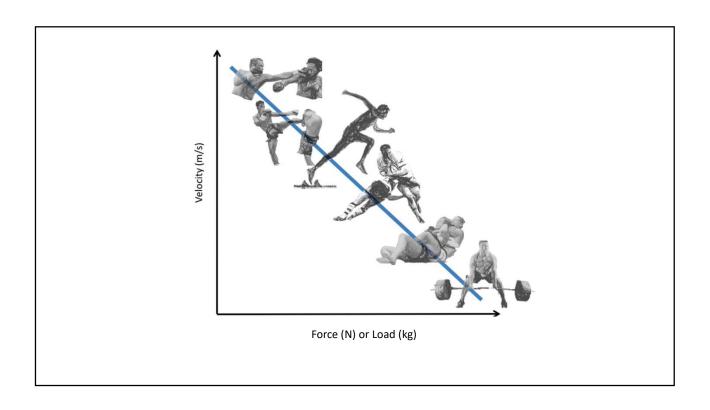


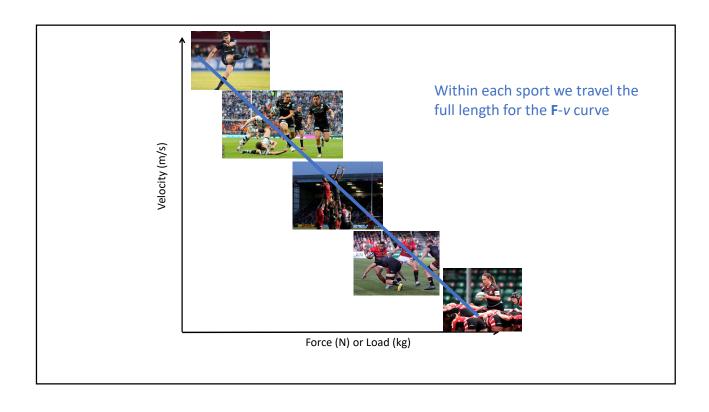


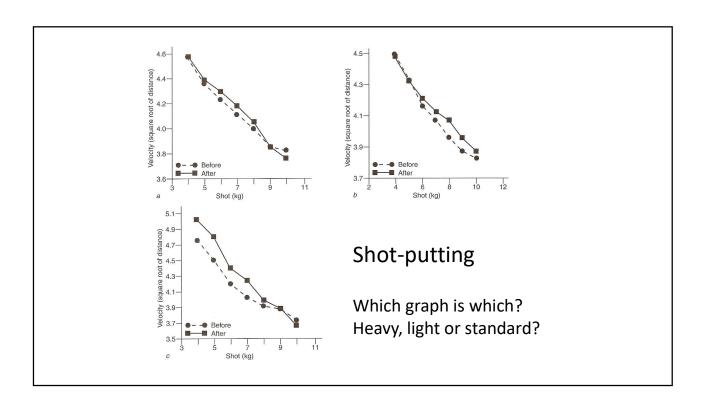


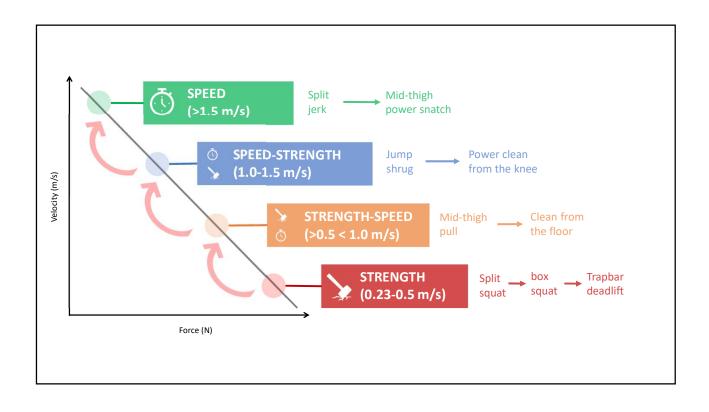


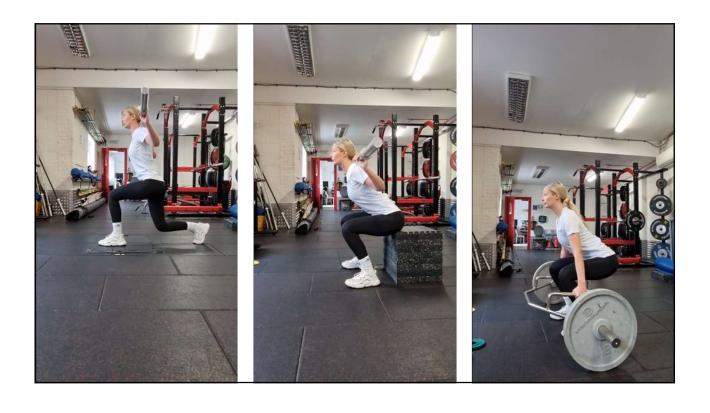








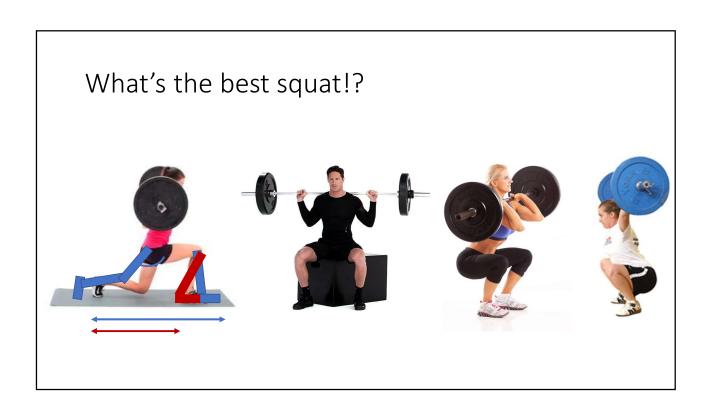


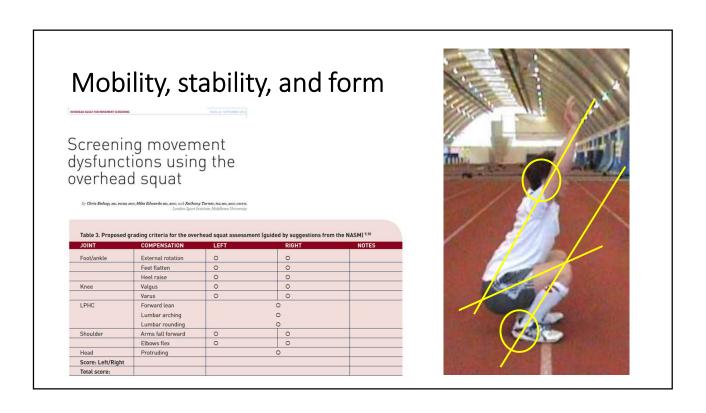


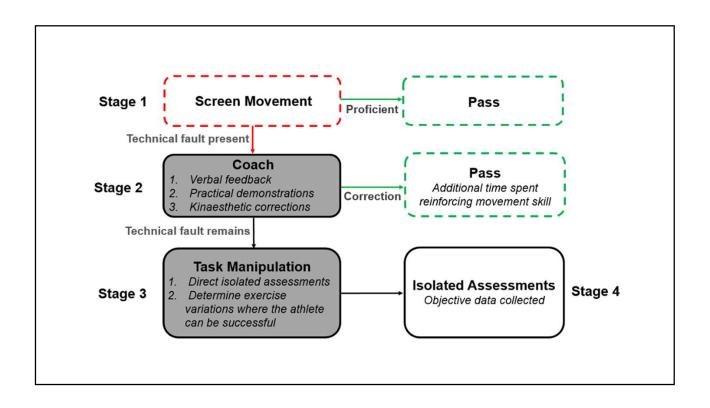


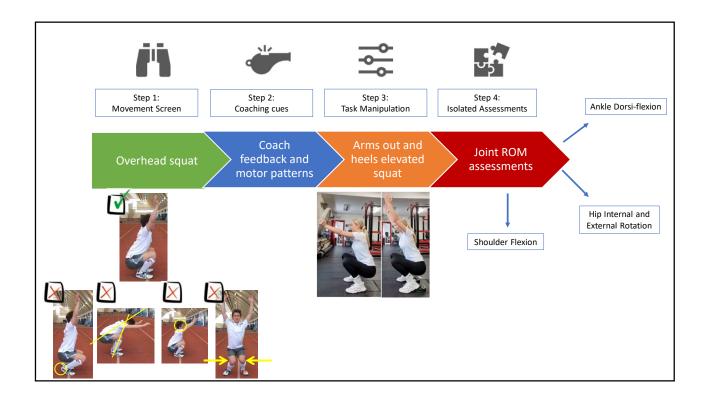


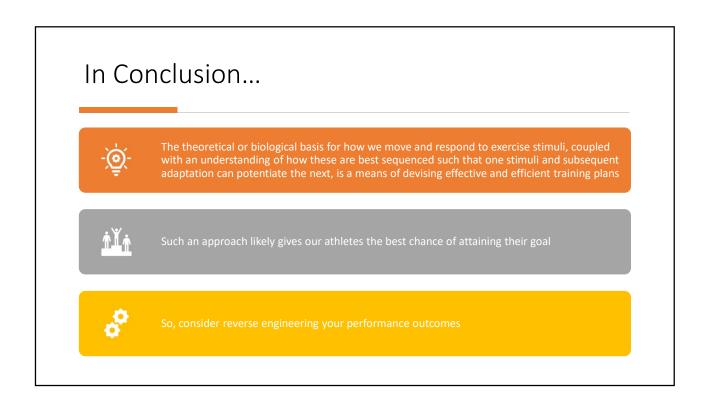


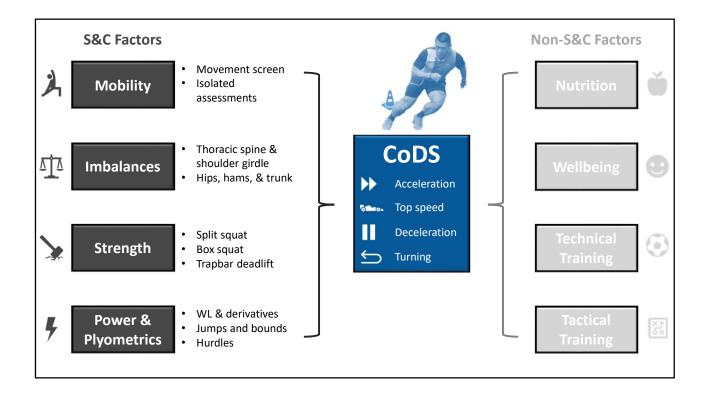












### Recommended Reading ©

Performance Modeling: A System-Based Approach to Exercise Selection

Paul J. Read, MSc, CSCS\*D.<sup>1</sup> Chris Bishop, MSc, CSCS.<sup>2</sup> Jon Brazier, MSc.<sup>2</sup> and Anthony N. Turner, MSc, CSCS\*D<sup>2</sup> <sup>1</sup>School of Sport, Health and Applied Science, St Many's University, London, United Kingdom; and <sup>2</sup>London Sport Institute Middlesey Librarish's Lighted Kinndform



Building a High-Performance Model for Sport: A Human Development-Centered Approach



Reverse Engineering in Strength and Conditioning: Applications to Agility Training

Anthony, N. Turner, Ph.D. Paul Road, Ph.D. Luca Missatron, MSc., Shyum Chaoda, MSc., Yang Yao, MSc., Kotase Papadocubus, Ph.D. Adam Wigle, MSc., A those Soogethards, MSc., and Chris Behop, Ph.D. 'London Sports Institute, Middlesses University, London, United Kingdom, 'Pastitute of Sport, Exercise and Health (ISBH), London, United Kingdom; and "Callage of Namaing and Health Secress, University of Verminn, Burlington



## Recommended Reading:

Power and underpinning mechanics

#### Developing Powerful Athletes, Part 1: Mechanical Underpinnings

Anthony N. Turner, Phib. Paul Comfort, Phib. Paul Comfort, Phib. Polin Modifiation, Phib. 2 Chris Balhop, MSc, Shyam Chanda, MSc, Paul Road, Phib. 24 Perot Mundy, Phib. 2 and Jason Luke, Phib. "
\*London Sports Institute, Middelser University, Greenlands Lane, United Kingdom; "University of Salford, Shod of Challan and Scotidy, Salford, University, Greenlands Lane, United Kingdom; "University of Salford, Shod of Challan and Scotidy, Salford, University, Commission, Australia," Covereity University Commission of Charles and Sports Science Research, Edith Covere University, Connecting, Australia; "Covereity University Country Country University Covereity University Country Country Country Covereity University Country Co



#### Developing Powerful Athletes Part 2: Practical Applications

Anthony N. Turner, PhD. Paul Contlort, PhD. <sup>23</sup> Jehn McMahlon, PhD. <sup>2</sup> Chris Bahlop, MSc; Shyam Chavda, MSc; Paul Read, PhD. <sup>23</sup> Server Mandy, PhD. <sup>23</sup> and Jeann Lake, PhD. <sup>23</sup> Chris Gehman, School of Health and Society, University of Suddend, Sullord, United Kingdom; Center for Genezies and Sports Science Research, Edith Covers University, Sullord, Sullord, University of Sullord, Sullo



