Athletics 365
Developing the Next Generation of Athletes
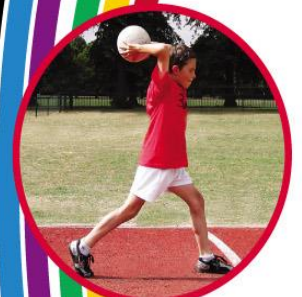
Youth Development in the UK

Scott Grace
England Athletics
National Technical Lead for Youth Development

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Building The Foundations For The Next Generation Of Athletics Champions

How do you build the next Generation of Athletes?

Retain	Recruit	Develop	Excel

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Underpinning Research

Reasons for participating in sport
- Fun and Enjoyment (Excitement)
- **Mastering a Skill (perceived Competence)**
- Parents / Teachers
- **To Learn New Skills**
- Friends / Peers (belonging to a group)
- Being Successful
- **Gaining Recognition**

Reasons for dropping out
- **Boredom (doing the same thing too much)**
- **Lack of success**
- **Too much pressure from parents, coaches and peers)**
- **Loss of Interest**
- **Friend Leaving the Sport**

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England Specific Research

Bridging the Gap 2011

- UK Top 20 U15 Age Group from 2006
- Tracked the progress of 660 young athletes over 5 years
- 49% Where still active
- 37% Where still in their original event
- 12% Where still in the UK top 20 ranking as an U20

Three Key Findings from the Research

1. Building LTAD principles into initiatives for recruiting, developing and retaining athletes.
2. Using athleticism as the building block for athletics.
3. Having pathway products that are consistent with LTAD to underpin delivery of the sport.

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Youth Development

Outcome Performance Against Others	→	**Competitions**
Outcome Performance Against Yourself	→	**Awards Programme**
Process Development of Skill and Conditioning	→	**Athletics 365**
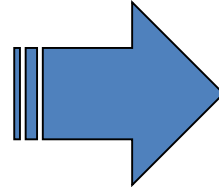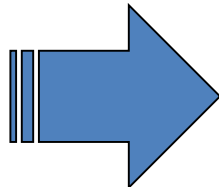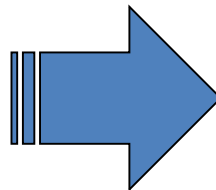
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What is **Athletics 365?**

- A consistent approach to young athlete development across England ('like for like' activities in every club);

- A young athlete progression pathway (From playground – Podium);

- A delivery Syllabus for coaches for every athletics event (and other areas such as physical conditioning);

- Extensive support resources for youth and club coaches

- A Recognition and Reward scheme for athletes;

- A system which provides the fundamental skills which underpin all athletics events and that are applicable to all other sports (Developing athleticism, not just athletic development);

- A Club Youth Development Programme

Athletics 365: Pathway
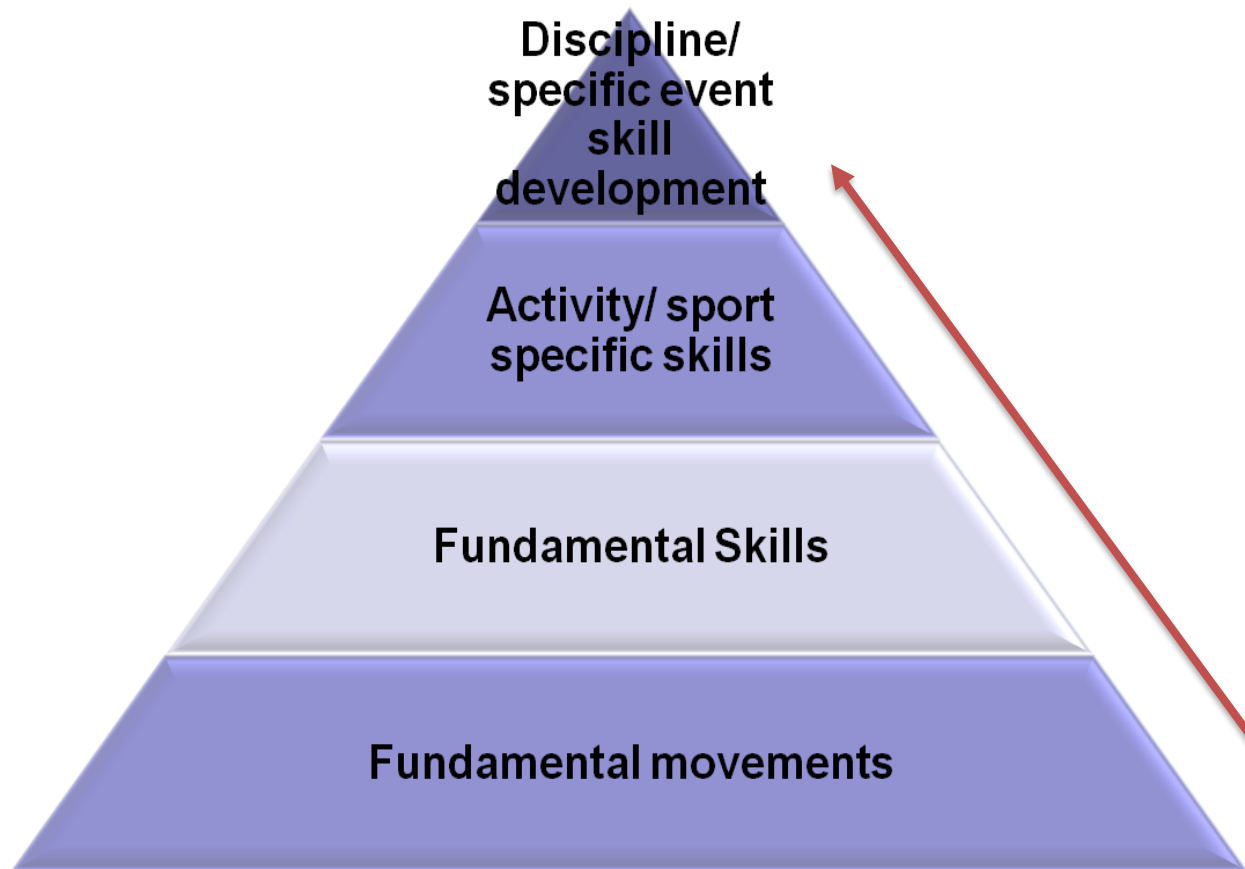
Athletics 365: Challenges & Curriculum

- 9 Stages of progression (Red – Gold);

- Recognition and Reward for competence;

- **Process** and outcome driven;

- Based on other successful sports;

- Developed using existing resources;

- Four key area of athlete development:

    - *Physical conditioning;*

    - *Technical and tactical (Athletics events);*

    - *Lifestyle and support;*

    - *Psycho behavioural;*

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Why do we need **Athletics 365**?

There is some great work and good practice happening across the UK and this we need to build upon.

There is also a range of challenges that face grass roots athletics, these include:

- Inconsistent delivery of child development activities across UK;

- Coaches with the least experience working with children;

- Athletes are specialising too early;

- Too much focus on outcome (i.e. distance jumped or time run) rather than **on Process** (i.e. technique when running or jumping);

- Groups based on chronological age not developmental stage.

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Every athlete is different

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Previous Situation

- Excessive ratios of coach to athlete;

- Lack of volunteers;

- Junior sections have limited areas to use due to senior groups;

- Lacks structure and excitement ;

- Losing out to other sports;

- Support resources for junior club sections where too confusing and there are too many.

  Athletics 365 *has set out to address the above issues while building on the existing good practice*

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Athletics 365 Benefits
To Clubs and Sport

- Skilled 'children coaches' leading *Athletics 365* sessions;

- Greater Retention of athletes *(90% plus in several clubs)*

- Focused on Long Term Athlete Development;

- Focuses both on **process** and outcome;.

- Recognition and reward system;

- Focused on development stage, not chronological age;

- Development of new Professionalised Clubs / Academies

- More competitive with other sports

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Athletics 365 Benefits
For Coaches

- A Structured approach to coaching within every club

- A clearly defined curriculum of delivery

  - 'Like for like' coaching across the UK

  - Coaches aware of athletes stage of progression at all levels

- Excellent supporting resources;

- Adult and young leaders given specific skills required to work with young people;

- Curriculum and resources imbedded into the Coach Education Pathway

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Athletics 365
Challenges and Curriculum

The Support Resources

For Coaches and Clubs
- Athletics 365 App
- Athletics 365 Coach Pack / Manual
- Athletics 365 DVD Pack
- Athletics 365 Kit Bag

For Athletes
- Athlete's Handbook
- Reward wristbands and certificates

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1 Static Balance, Strong Stable Core & Postural Control
Floor work (front & back support)

Balance is important for every event, every movement and in every sport. If you are not in balance when performing a movement, then you will not be able to perform this movement as efficiently as possible.
Work through the challenges below to complete this section.

Red challenges
A Hold a mini front support position on hands and knees.
B Hold a mini front support position and lift one hand/knee off the floor.
C On hands and knees, reach across the body and point to ceiling with one hand and then the other hand.

Hands placed with the thumbs under the shoulders
Knees under the hips
Keep a straight back and tight stomach

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17 Running for Distance (walks)
Race Walking

The ability to sustain a good walking pace requires good endurance, pace judgement and rhythm. Athletes should look to gradually increase the distance and time they walk over and work on their pace judgement to ensure effective walking and rhythm.
Work through the challenges below to complete this section.

The challenges
A Steady walking for 5 minutes.
B Sustained Pace Walking for 3 minutes.
C Walk with strong push off from the rear foot.
D Change length of stride from long to short and short to long.
E Front foot planted on heel with toes up position.

Completing your challenges
You must complete challenges A-E for every appropriate session to be signed off.
All challenges must be signed off by your club coach.

Practise at home or at school
Remember t...

Shoulders square to the front
'Chest to pocket' arm act...
Front foot planted on heel with toes up
Push off the rear foot

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7 Coordination
Floor movement patterns & footwork (all travelling)

Coordination skills such as throwing, jumping and even hopscotch require your brain and body to work together to create the correct movement smoothly. Coordination, like balance, is important for every event, every movement and in every sport.
Work through the challenges below to complete this section.

Yellow challenges
A Grapevine, travelling sideways with a crossover step in front and then behind.
B Skip forwards with 90° knees lift, opposite 90° elbow drive.
C Hopscotch forwards, alternating hopping on 1 foot with 2 footed jumps.

Completing your challenges
You must complete challenges A-C for every appropriate session to be signed off.
All challenges must be signed off by your club coach.

Practise at home or at school
Remember to pr...
W...

Keep the shoulders square
Keep body upright
Gradually build

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20 Jumping for Height
High Jump and Vertical Jump

Jumping for Height refers to High Jump and Vertical Jumps. Athletes should look to practise a fast, controlled (curved) approach, a powerful take off and a controlled landing. Athletes should also practise running drills related to jumping for height activities.
Work through the challenges below to complete this section.

The challenges
A Two footed 'Standing Flop' (onto 3, 2 and then 1 mats high) demonstrate safe landing (with the mid-upper back touching down first).
B Scissor and Basic Fosbury: drive vertically at take off, demonstrating active use of arms to aid jumping technique.
C Scissor and Basic Fosbury: drive the inside knee upwards to 90° at take off.
D Demonstrate ... es in clearing the bar with scissors technique (adjusts bod...
E When runn... ... ... away from the bar.

Completing y...
You must com...
All challenge...

Practise at...
Remember...
When pra...
challenge...

Stage...

Drive the inside knee upwards to 90°
Fully extend at the hip, knee and ankle
Push hips upwards to arch over the bar
Mid to upper back

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12 Running for Speed (technique)
Maximum velocity/full flight

Speed is one of the most important skills for an athlete to develop, as it is vital for most sports and athletics events. Developing your running technique is necessary to help improve your running speed. Work through the challenges below to complete this section.

The challenges
A Run tall with relaxed shoulders a good upright posture.
B Run tall with high push, good upright posture and balance.
C Jog/skip with knee up, toe up action (good upright posture; no forwards or backwards lean).
D Jog/skip with heel up, toe up action (good posture; no backwards lean).
E Jog/skip with relaxed pockets to sockets arm action.
F Start, stop and change pace with control and response to instruction.
G Run and change direction (applying appropriate force), demonstrating speed and agility.

Completing your challenges
You must complete challenges A-G for every appropriate session to be signed off.
All challenges must be signed off by your club coach.

Practise at home or at school
Remember to practise your challenges at home, and at school.
When running at speed, try to keep your body relaxed and move your arms and legs as quickly as possible while maintaining good technique.

Lift your hips tall
Knee up, toe up action
Sockets to pockets arm action
Bring heel up and under your buttock

Stage: Green | Category: Running | Challenge card: 12

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25 Throwing - Hurl
Hammer, including soft hammer

Hurling Throw refers to Hammer and soft Hammer. Athletes should look to practise the hammer technique while maintaining good posture and balance. Athletes should also work on keeping the arms long and relaxed and the angle, height and speed of release when throwing a hammer.
Work through the challenges below to complete this section.

The challenges
A Preparatory Swings: stand with feet slightly wider than shoulder-width apart and back to the direction of the throw.
B Preparatory Swings: keep back straight, legs slightly bent and weight evenly balanced on both feet.
C Preparatory Swings: use body and weight distribution on the feet to counter the pull of the hammer, but not excessively.
D Preparatory Swings extend the arms and swings the hammer from low (just off the right foot) to a high point (above the left shoulder).
E Preparatory Swings: accelerate the hammer in the double support phase as long as possible.

Completing your challenges
You must complete challenges A-E for every appropriate session to be signed off.
All challenges must be signed off by your club coach.

Practise at home or at school
Remember to practise your challenges at home, and at school.
Athletes should only practise the Hammer throw if a suitable throwing cage is available, and they are supervised by a qualified throws coach.

Keep the arms extended
Keep back straight, legs slightly bent
Use distribution of body and weight to counter hammer pull
Swing the hammer from low to a high point

Stage: Black | Category: Throwing | Challenge card: 25

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The Challenges

- Assessing Athletes Skill Stages

- Using Games or Drills to Develop Skills

- Planning Youth Development Programmes

- Challenges from others (coaches/parents)

- How is it working elsewhere? (Sharing Good Practice)

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Delivering Athletics 365

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Everyone is Different

- **Stages of development will be different**
  - **Physically;**
  - **Mentally;**
  - **Socially;**
  - **Emotionally;**
- **The support they require from you will be different**
- **Their skill background will be different**

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The Coaching Approach

Games Based (Leading)
Fun Driven
Easy to Set Up
Limited Skill
Learning
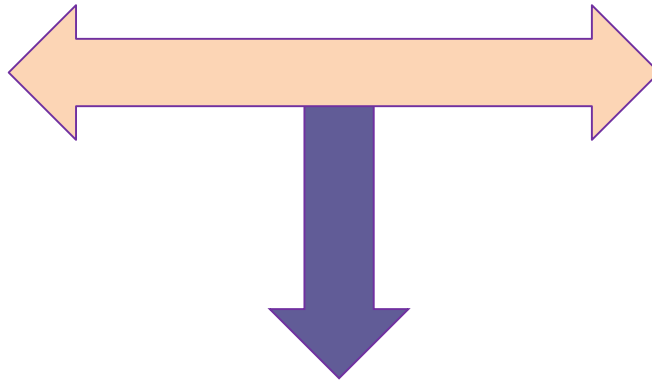
Specialised Training (Event Coaching)
Outcome Driven
Develop Technique
Adult Orientated
Foundation Skills?

Developmental Coaching
Fun and Progressive
Skill based learning
Stage related coaching
Empowering the athlete

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Coaching Environment

Should be:

- Fun and Inclusive

- Progressive - Based on athletes ability

- Relevant (what is the purpose of the activity / drill / session)

- Structured and exciting

- **Focused on the long term, all round development of the athlete**

Coaching Environment

Should have:

- Good athlete to coach ratio (10/12 : 1)
- Safe welcoming environment
- Clearly defined groups and coaches

(Stage /Age)

60 Minutes TRAINING

:   - 20 athletes

x 1 COaCH

= 3 minutes of

coaches' time per

athlete

Think about how you can ensure that you give time to every athlete so they get the most from their training time

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Practical Session

Practical Examples Covered

- **Hopscotch**
  - **Developing Coordination**
  - **The importance of athlete centred coaching**
- **Plank Progressions**
  - **Developing Core Stability, Posture and Balance**
  - **Allowing athletes to select their own level of challenge**
- **Running Progressions Drill**
  - **Developing Full Flight Mechanics**
  - **Progressive Delivery and Stage Observations**
- **Shot Put Golf and Grid**
  - **Developing Pushing / Shot Put Action**
  - **How to use a Game or Skill session to develop athletes**
- **Triple Jump Grid**
  - **Developing Combination Jumps**
  - **Multiple Stages doing the same task**

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Progression of Athletics 365 Card

Beat the Clock Sprints
Or Sprint Start Practice

Standing Start

Kneeling Start

Falling Start

Three Point Start

Crouch Start

BEAT THE clock SPRINTS

YOU WILL NEED
6 x bean bags (multiple colours), whistle, stopwatch, tape measure

TURN OVER...

SAFETY TIPS
❶ Ensure the athletes are not competing at speed over to longer distance and to regularly.
❷ Ensure athletes stay in lane.

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PUSH golf

YOU WILL NEED
Hoops, bean bags, coloured spots

AIM

Athletes perform push throws to reach a target on the ground.

GET SET

① Set out a number of hoops 20-50m apart around a field, with a coloured spot 5m away from each hoop.

② Explain that each hoop represents a hole on a golf course and the spots represent the T off.

③ Athletes try to get their bean bag from one hoop to the next in as few throws as possible.

④ Divide the class into groups of 4. Allocate each group a different hoop to start the game.

ON YOUR MARKS

① One player stands on the coloured spot and throws their bean bag towards the next hoop, using a push throw.

② Each pupil takes their first turn.

③ Athletes throw again from where the first throw landed (furthest away from the target throws first).

④ Continue until all pupils have thrown into the hoop.

⑤ Athletes should never throw while others are in front of them and should shout "FORE" if a throw is likely to hit anyone.
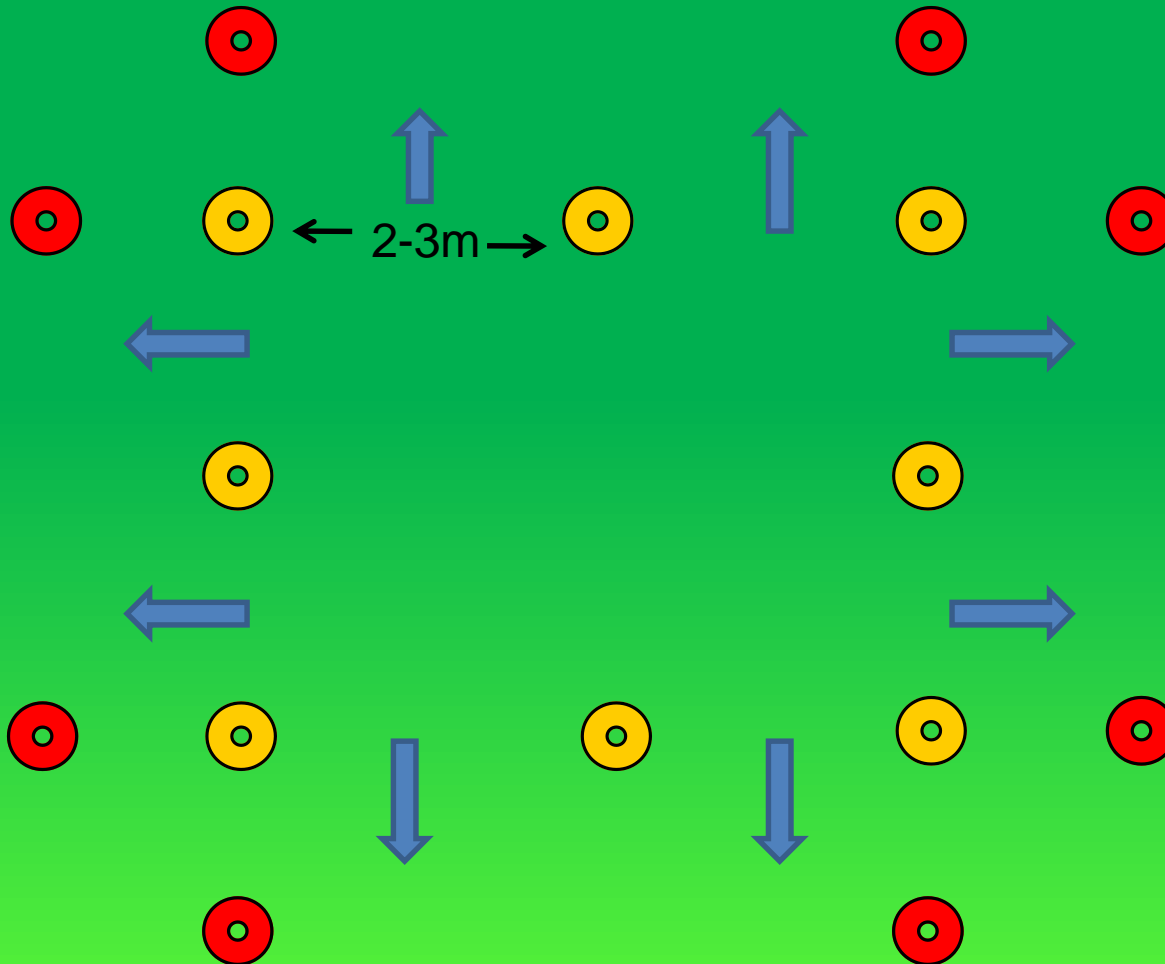
GOOD FORM

① Stand with feet staggered with opposite leg to throwing arm forwards.

② Keep the bean bag close to the neck (with a high elbow),

③ Extend arm and push the bean bag up and away from the body in the direction of the hoop.

HARDER/EASIER OPTIONS

① Vary the distances between hoops

② Focus outcomes on technique: add bonus points (a minus score) for an effective push throw action

③ Play as a team game with combined scores counting as the final score.

SAFETY TIPS
① Athletes should never throw while others are in front of them and should shout "FORE" if a throw is likely to hit anyone. ② Holes should be spaced well apart. ③ Only use appropriate push technique.

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Shot Put Throws Grid

2-3m

Throws Line Grid

Tennis Ball Throw

Howler Throw

Turbo Jav Throw

Javelin Throw

Throws Line

← 3m →

3m

Safety Line

Triple Jump Grid

1 m

Hop

1 m

Step

Jump

Sand Pit

1.5 m

1.5 m

2 m

2 m