

Topic on a Page for BTEC Tech Award (L1/2): Sport

Component 2: Taking part and improving other participants' sporting performance

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- 6 Planning drills and conditioned practices to develop participants' sporting skills
- 7 Drills to improve sporting performance

All of the above are provided as summary sheets and activity pages in both A3 and A4 formats.

Teacher's Introduction

This Topic on a Page resource has been created for the BTEC Tech Level 1/2 Award in Sport (first teaching 2022). It covers all the teaching content for **Component 2: Taking part and improving other participants' sporting performance**. The aim of this resource is to summarise the different areas of the teaching content into manageable sheets of A3 paper, providing students with an overview of each area.

The resource comes with partially completed mind maps which form activity pages, giving students the opportunity to test their knowledge of the content by completing the questions set out on each page. Each page can be used by students of all abilities. For example, high-achieving students could apply additional examples to illustrate each topic area, whereas lower-ability students may wish to annotate the mind maps to enhance their understanding of each topic.

How to use the resource:

- The sheets can be handed out at the end of the course, or at the end of each topic for revision purposes. This can help students recap knowledge at the end of teaching.
- Each page can be printed out in poster size and displayed on your classroom walls as the topic is being taught, so that students have a visual reminder of what they have been covering in their lessons.
- Students should be encouraged to complete the partially completed mind maps to test their knowledge for this unit.

Specification reference table

There are seven pages in total which cover the four topic areas within the unit specification. The following table can be used to identify which specification points you are teaching.

Page no.	Title	Spec reference
A – Ex	plore the importance of fitness for sports performance	
1	Components of physical fitness and skill-related fitness	A1-A2
B – In	vestigate fitness testing to determine fitness levels	
2	Techniques, strategies and fitness required for different sports	B1
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6	Planning drills and conditioned practices to develop participants' sporting skills	C1
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October 2023

POWEI

Definition: The product of speed and strength.

Power $(kgm/s) = Force (kg) \times Distance (m) / Time (s)$

Power combines strength (large muscular forces) with speed (quick movements) for explosive movements. These include activities involving throwing, jumping, tackling and shooting.

Examples include:

- Long jump in order to produce an explosive jump at take-off
- <u>Cricket</u> to bowl with speed and catch the batter off guard
- Pawerlifting to achieve speed of movement with heavy lifts



Definition: The ability a maintain its centre of mass over a b port while stationary (static) or during movement (dynamic).

Important in sports and activities where the performer must stay on their feet or maintain a steady body position.

Examples include:

- <u>Trampolining</u> to control the body's orientation when springing from the trampoline
- <u>Netball</u> to catch the ball and stay within your designated area of the court
- High ropes course to stop yourself from falling

AGILITY

Definition: The ability of the body to move quickly and precisely to change direction at speed.

Useful in many skill-based sports that involve feints and zigzag movements. These are performed to out-manoeuvre an apponent while maintaining speed and balance.

Examples include:

- <u>Figure skating</u> to skate in multiple directions and change speed
- Futsal to close down or Abble and out of opponr
- <u>Trail cycling</u> to at speed



SKILL-RELATED

FITNESS COMPONENTS

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PHYSICAL FITNESS C

Aerobic endurance

Definition: The ability of the cardiovascular and respiratory systems to deliver oxygen and other essential nutrients (e.g. glucose) to the working muscles.

Helps to delay fatigue and sustain a lo an aum intensity in endurance sports or long during the second seco

Examples include.

- 10k
 - x 8nt : si se ⊘d injury
 - f to maintain energy levels for 90 minutes and

in a say pace and

Canoeing – to sustain effort of the upper body without getting fatigued

Muscular strength

Definition: The amount of force a muscle or muscle group can generate when contracting against a resistance.

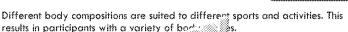
Allows the participant to exert more force with an activity, making it easier to overcome resistances.

Examples include:

- Weightlifting in order to lift heavy weights
- Rugby to overcome the opposition in the scrum
- Rock climbing to grip hold of the rocks while swinging the legs

Body composition

Definition: The relative ratios of fat mass and fat-free mass (muscle, water and bone) that make up the body.



Examples include:

- Swimming having a whole important to reduce tile and drag through
 - jing a large body mass is important for a forwards to be difficult to stop in contact



COORDINATION

Definition: The ability to use two or more body parts at the same time.

Coordination can involve a number of different body parts. Most movements will require good hand-eye coordination, while others require the movement of multiple limbs at once. Well-coordinated movement is smooth and efficient.

Examples include:

- Tennis to hit the ball at its sweet spot for accurate shots
- Basketball to dribble the ball with both hands and beat apponents





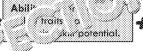
SKILLS AND STRA

There is more that contributes to successful sporting performance than just skill and technique. The ability to thi Furthermore, having a game plan (a strategy) and using a diverse range of means to overcome an opponent (tactic

SKILLS

Safe and effective participation in sport and physical activity is dependent on ski performance, which in turn depends on the ability to perform tasks with and steel lique.

Skill - The learned ability to select and execute techniques in a timely manner to achieve predetermined results with maximum certainty.



Technique - The movements that combine to perform a skill.

> The same skills require different techniques



Jump shot in handball

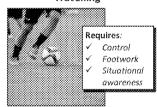
These are all methods of scoring, which is a skill used in team and individual sports. Some skills may, however, be specific to team sports; these include:

°. 1k//NG EXAMPLES INCLUDE:

Travelling

Serving in

tennis



- Close control of the ball and stick/foot to dribble in hockey and football
- Carrying a ball in two
- Bouncing the ball while running to dribble in basketball

Intercepting



- ⇒ Reading a pass in netball and cutting it out
- Positioning to cut out a through ball in food
- Anticipating and and

JAPETITIVE SITUATIONS

ills in sport, participants should

Passing



- Chest pros in ! aketb. 'er Thr how// it -- Al
- ss or behind the back # inflacrosse
- The spin pass, pop pass, lobbed pass and offload are all ways of passing the ball in rugby

Isolated practice

Allows skills to be focused on one at a time, allowing the participant to correct weaknesses or bad technique as and when they develop. A wellrefined skill can then be applied in a competitive situation.

For example, a golf player might go to the driving range to practise their strokes. before applying them on a course.

Teams and individe tactics in sporting play into the 🛭

Tactics - The different or a team employs in a strengths and against

Strateay - The overall intended sporting outcome

TACTICS

Pressing in football aggressively closing do the opposition in their own half

Fast defensive line in forcing the opposition team to make errors

Triangles in hockey pass and move instead running with the ball

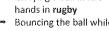
Shot range in badming catching a baseline pla out with drop shots

The 1500 m is a race to state their dom whereas others will where the



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ISOLATED PA To improve techn To improve technique of sills in sport, participants sh practise skills in iso and in competitive situations.

Isolated practice - practising skills and strategies on their own, without direct competition.

Competitive situation - practising skills and strategies in a competitive environment that reflects real competition.

OFFICIALS IN SPORT

Different sports have a range of office national governing bodies. Each office

Hold the main authority when enforcing rules in sports events. Their role is to ensure players adhere to the rules and regulations of the game and to apply disciplinary measures.



There is a large degree of crossover between referees and umpires, with the main difference being the role that takes priority, as dictated by the nature of the sport. Examples of sports where a reference or an umpire is the main office.





UMPIRE

Primarily responder settling dispand making judgements of match events. Often do this with help of technologies.

For example, a **tennis** will use Hawk-Eye to re to challenges by players whether a ball is in o

<u>ASSISTANT OFFICIALS</u>

Positioned at the side of the playing area, they support the main official in their decisions and promote fair play.

For example, a **touch judge** in **rugby** makes sure that the ball is kept within the field of play.



LINE UMPIRES

Support the main offici make calls on whether a b crossed the boundary or They support fair play accurate scoring.

For example, line ump are used in volleybal tennis and badminton call a ball in or out

Video review desigials

Video review officials replay key incident of the game. They either the control of the second of the second of the provide the game and the second of the game. They are the second of the game of the



SCORERS 6-10 GE

Used in the mance see types of sports in monly employ pointsgymnastics, diving and martial arts. There is usually a panel of judges whose scores are averaged, or decisions are tallied.

For example, judges score gymnasts on the difficulty and execution of a move

TIMEK EERERS

in orts that have

ted nes. These

diver from sports that

finish once a result is

reached, like tennis or

golf. Timed sports

usually consist of

multiple periods. The

role of timekeepers is to

ensure each interval runs

for the correct duration,

by stopping the clock

when play is inactive, or

adding on stoppages as

extra time.



For exame basketh timekee responsible stopping/s the clock keeping to timeos





RULES AND REGULATIONS: STRU

Each sport will have a set structure which determines how that sport is played. These structures are set as

NUMBER OF PLAYERS

Team sports involve multiple players working as part of a team against an opposition. Teams usually consist of on-pitch players and substitutes. The numbers of players will vary by sport.

- How many players are allowed to participate at any one time?
- How many substitution are they rolling
- Are there varial ent @mats?

LENGTH OF TIME FOR PLAY

The length of time that sports are played for will depend on whether they are determined by score. Sports that are played by tir pere ual & evenly into periods. Sport the are ave to especific score is reached. score will continue is

wm periods of play are there? the length of each period?

- "Is the length of play determined by time or by score?
- Is additional time or extra periods added, and for what situations?

PLAYING

National governia regulations on the of the overall p and on individe within the

- What are the dim overall playing are
- ➡ What is the purpo dimensions of spe within the overall®

Let's take a look at some examples...

TEAM SPORT BASKETBALL BASED ON THE NBA

The hoop should be 10 feet

high off the ground and have a

diameter of 18 inches.

5 outfield players and up to 7 substitutes (unlimited substitutions)

3x3 basketball was introduced at the 2020 Summer Olympics. It is played between two teams of three on a half court with a single hoop. Games run for a single 10-minute period or until a team reaches 21 points.

Players do not have to wear any protective / equipment, but some players may wear equipment to protect them from injuries, e.g. ankle braces or

knee pads.

Court dimensions can vary with least play, but these are stande. used in professiona

Centr :: e: o feet in radius

The **3-point arc** is approx. 22 feet away from the centre of the hoop.

The ball should

have a

circumference of

29.5 inches and should weigh

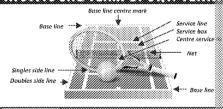
20-22 ounces.

Foul line is 15 et

quarters. In the rare event that a game ends in a draw, n overtime periods will be played until there is a winner.

Check out the NBA rule book for more information on each of these aspects: https://official.nba.com/rulebook/

INDIVIDUAL/TEAM SPORT TENN



✓ 1v1 for singles / 2v2 for doubles
 Dependent on length of sets (who games played to the best of three or five sets)
rass, clay or hard court length: 23.77 m / didth: 10.97 m (doubles) 8.23 m (singles) Sidelines: 1.37 m each
 ✓ Net (1.07 m high) ✓ Racquet (max length: 73.7 cm, ma width: 31.7 cm) ✓ Ball (weight: 56–59.4 g, diameter: 6.54–6.86 cm)

Check out the Olympics guide to tennis for everything vo need to know about the rules and scoring system: https://olympics.com/en/news/tennis-rules-regulation// how-to-play-basics

Notice that some measurements are given in the imperial system (e.g. inches for basketball) whereas others are given in the metric system (e.g. cm/m for cricket and tennis). It is important to keep the same system when completing this for your assignments.



RULES AND RECULATIONS: HOW THE GAME IS PLAYED

Each sport will have a different scoring system, d game is played. These again are set as rules and

> Rules - The laws of the game which are & Regulations - The guidelines for how part

SCORING SYSTEMS

he nameds of scoring? William ge are different points on offer wild different methods of scoring?

Scoring more points or goals than an opponed in sport is usually how a game is woo. sports have different metho Some even have sev is 4v /sc 2, with

How is a winner determined?

What happens in the event of a tie?

Can you answer t

questions abou

Inninas -A division of a cricket match where each team has an attempt at

batting (i.e. on inninas).



Can you answer the following questions about your sport?

■ What are the specific playing rules to adhere to?

classed as a foul.

Batters can score runs by swapping ends with a partner and by hitting a boundary. They get four runs if the ball touches the field beforehand or six runs if it goes straight over. Scorecards tally up the runs each team is able to get per innings. The team with the most runs wins



Tennis is a sport with a unique

scoring system. Matches are played to the best of three or five sets. Sets are played to the first to win at least six games (by two clear games). Each game is won by scoring points.



Players can score 3 points by scoring outside the 3-point arc, 2 points for scoring inside the 3-point arc, and 1 point for a free throw:

Can you answer t

- ➡ How does the
- 🕶 How is the ga
- ➡ How is the ga[®]
- How and whe



OUT

₩ What are the o

NON-ADHERENCE TO THE RULES

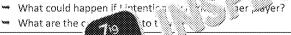
All sports have specific rules and regulations that participants must follow. Participants must follow. of these rules in order to avoid being punished for not playing within the latest of the gard



zetball – 'Double dribble'

- Hockey Controlling the ball with the feet
- Netball Moving into a zone that is not designated to a player's position
- Football High tackle with the study showing
- Athletics Straying outside one's designated lane in a sprint





Many sports, such as beach handball are non-contact. Pushing or holding another player is

₩ Where is the play area or offside line?.

21/627

Any rugby tackle that is late, above shoulder height, or fails to wrap the arms is classed as an infringement.



Participants in most sports will be sanctioned if they use offensive, insulting or abusive language.

Can you answer the questions about ye

- What are the diff
- How are decisio
- 🕶 How should an 🔅



Officials will often us signals to indicate decisions. The examp here is of the advantage rule played in footbal



PLANNING DRILLS AND CONDITIONED PRACTICES

Session leaders must understand he sports participants. A number of tea These include:

☑ Skill progressions

Ø 🐘

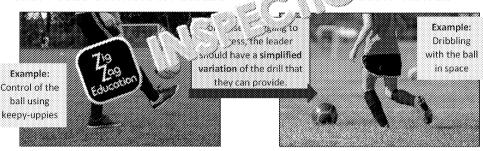
☑ ditioned practices

Ø

DKILLS

When learning skills :: "5 be ssive, starting with simple isolated practice,

UNOPPOSED STATIONARY DRILLS



Allows the participant to repeatedly practise a skill on the spot without overworking themselves. This helps to **build up technique**.

Helps the participant practise a skill while on the move. This challenges their ability to coordinate a skill with movement.

or Jusing Travel

PASSIVE



Passive opposition coor poles. This allows timing of a skill again

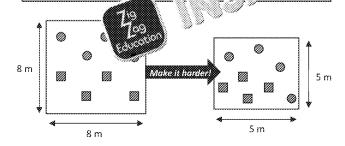
DRILL PROGRESSION

CONDITIONED PRACTICES

Making use of **rule changes** in drills to challenge the participant in applying skills to different scenarios and situational contexts.

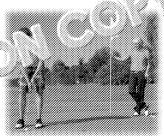
In small-sided possession-based games in invasion sports such as basketball, hockey, football and rugby, conditions may be to:

- Reduce the size of the area means participants have loc time to make their move
- 2. Make teams uneven means the team needs to work harder for the half



DEMONSTRATIONS

Showing sports participants how a skill is performed provides visual aid...



In golf, demonstration should be given for the different types of shot to can be played with the reof clubs. This will help play identify the differences technique required.

Demonstrations can be performed by either the **session leade** a **competent peer**. It is important that whoever is demonstration skill uses the correct technique for others to try to copy.

The demonstrator should be positioned so that all parabase a **dear view** of the demonstration taking place.



DRILLS TO IMPROVE SPORTING PE

Once drills have been planned out, the organisation of the session must be maintained in the delivery to participants.

There are a number of different factors to consider when organising a sports activity session, as well as such in granticipants as they care.

JAGANISATION

TIMING

The leader must stick to the timings they have planned out in order to engine aspects of the companies in the same no time to be supported by the sach drill.

More time rate require extra support and teaching points.

ORGANISATION OF PARTICIPANTS

Drills may be designed for individual practice, or in pair or groups. This requires organisation in terms of equipment and space.

EQUIPMENT

Equipment used in drills will depend on the amount available and the size of the group. If there is little equipment, drills may be designed for paired or group work so that participants can share equipment.

Equipment should always be sport-specific.

USF

The area used to run the size of the gro participants by preven other. Space may also advance for more ef

OBSERVING PARTICIPANTS Close attention must be paid while participants



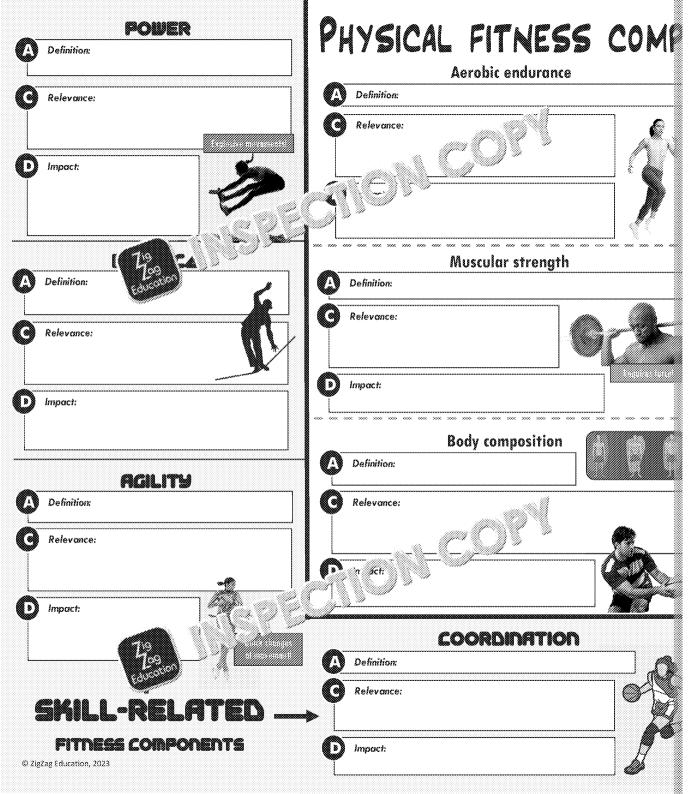
close attention must be paid while participants carry out drills. This helps the leader identify their strengths and weaknesses and provide the appropriate teaching points and feedback they need for support. For beginners, it is important not to make the observation obvious to putting undue pressure on the appropriate pant.

PROVIDIY TO TREE TON

When introduce the group, it is important to give the instructions that are easy for participants to understand and to remember. Progressions with more complex drills will help to space out instructions.









touries a parts volunteer who has decided to our or the sports sessions for members of the local community.

For a sporting activity of your choice.

- a) Describe how to perform three different skills for that sport in isolated practice and a competitive situation.
- Describe two tactics or strategies that can be used in that sport and explain the impact it would have
- Explain two examples of decision-making that are key to that sport.

SKILLS AND S

There is more that contributes to successful sporting performance can be just as important. Furthermore, having a game plan (a stratego skill and te

SKILLS

Safe and effective participation in sport and physical activity is dependent on skill performance, which in turn depends on the ability to perform tasks with an attention and the ability to perform tasks with an attention and ability to perform tasks with an attention and attention and attention are ability to perform tasks with a second and a second accordance.

Skill - The learned ability to select and execute techniques in a timely manner to achieve predetermined results with maximum certainty.

Abilit traits a .k.//potential.

Technique - The movements that combine to perform a skill.

 80.	Annoin Centimity.			
7	SKILL E	y ij perform in Isolated practice	HOW TO PERFORM IN A COMPETITIVE SITUATION	
			33	: ::::::::::::::::::::::::::::::::::::
		<i></i>		

The 1500 m is a race grounded on strategy. Some like to state their dominance by taking an early lead, whereas others will focus on get attack late on.

Teams and individe

tactics in sporting play into the 🛭

Tactics - The different

or a team employs in a

strengths and against Strategy - The overall intended sporting out

> STRATEGY / TACT (DESCRIPTION)

For example, a golf player might go to the driving range to practise their strokes. before applying them on a course.

ISOLATED PA

To improve techn lls in sport, participants should To improve technical solutions and in competitive situations.

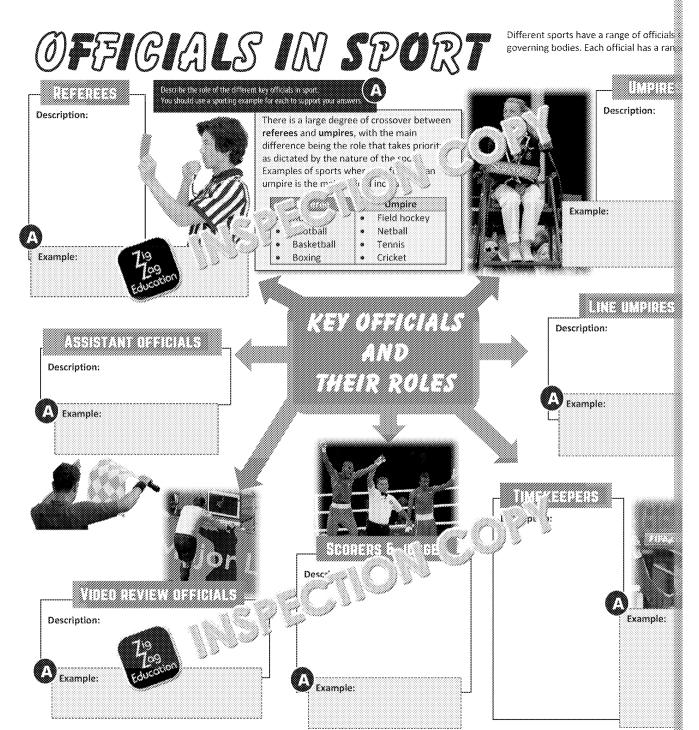
Isolated practice - practising skills and strategies on their own, without direct competition.

Competitive situation - practising skills and strategies in a competitive environment that reflects real competition.

Isolated practice

Allows skills to be focused on one at a time, allowing the participant to correct weaknesses or bad technique as and when they develop. A wellrefined skill can then be applied in a competitive situation.









RULES AND REGULATIONS: STRU

Each sport will have a set structure which determines how that sport is played. These structures are set as

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- How many substitution can be a more are they rolling and another substitutions.
- → Are there varia
 → tent @mnats?

LENGTH OF TIME FOR PLAY

The length of time that sports are played for will depend on whether they are determined by score. Sports that are played by time are unally at evenly into periods. Sport he are average specific score will contact are score is reached.

wm p periods of play are there?

- Is the length of play determined by time or by score?
- Is additional time or extra periods added, and for what situations?

PLAYING

National governia regulations on the of the **overall p** and on **indivic** within the

- → What are the dime
 overall playing are
- What is the purpodimensions of speawithin the overall

You are designing a training course on ordicating in two sports of your choice. You have been asked to gather information on the rules and regulations that govern the structures of your chosen sports and present them to a group of trainee officials.

For your chosen sports, research and give an account of the roles and regulations around the

- · Number of players allowed to participate
- Length of time for play
- Size and weight of participation equipment
- Number of substitutes and substitutions
- Dimensions of the playing area
- · Required and optional protective equipment

You should consider drawing diagrams to show some of these aspects.





RULES AND RECULATIONS: HOW THE GAME IS PLAYED

Each sport will have a different scoring syst game is played. These again are set as rule

> Rules -- The laws of the Regulations - The guid

top are a count at a summer faming range and have been asked by the lead famor to deliver two sporting activities of your chains in order to plan your training sessions, you will have so brush up on the rules and regulations around how each sport is played

For each of your chosen sports, research and give an account of

- The scoring system in place and what happens if the event ends in a tie
- How play starts, ends, and restarts throughout the event
- The different ways that participants may display non-adherence to the



SCORING SYSTEMS

Scoring more pos usually how a g Diffe Si≪sports have different en have several ways of scoring, methods of scor with a varied nur nts on offer.

Sport 1:

encourantsyrapine following questions about your sport?

- ➡ What are the methods of scoring?
- ₩ What are the different points on offer for different methods of scoring?
- ► How is a winner determined?
- ₩ What happens in the event of a tie?

Can you answer f

- ➡ How does the
- ➡ How is the gaz
- → How is the ga® → How and whe
- Sport 1:

our

NON-ADHERENCE TO THE RULES

Sport 2:

All sports have specific rules and regulations that participants must follow. Particip of these rules in order to avoid being punished for not playing within the law of segar

Can you answer thi questions about yo

- What are the dif
- How are decisio
- 🕶 How should an 🔅

Sport 1:



Can you answer the following questions about your sport?

- ₩ What are the specific playing rules to adhere to?
- Where is the play area or offside line?
- ₩ What could happen if <u>Lintention</u> @er @ger?
- What are the co.

Sport 1:

PLANNING DRILLS AND GONDITIONED PRACTICES

Session leaders must understand he sports participants. A number of tea These include:

☑ Skill progressions

Ø 🕷

M ditioned practices

M 18

You are a sports coach who is planning a training session to develop skills for that sport.

Lising a sport of your choice, complete the following for your sports session:

- a) Design a drill that progresses a selected skill from stationary unopposed practice to practice against activ
- b) Design two conditioned practices for your drill. You should consider using diagrams to illustrate

 O Describe flow you would demonstrate three different skills for your sport, and state the
- voir world own for park

When learning skills, drills should be progres

UNOPPOSED STATIONARY

INTRODUCING TRAVEL

PASSIVE



CONDITIONED PRACTICES

Making use of **rule changes** in drills to challenge the participant in applying skills to different scenarios and situational contexts.



DEMONSTRATIONS AND TE

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DRILLS TO IMPROVE SPORTING PE

Once drills have been planned out, the organisation of the session must be maintained in the delivery to participants.

There are a number of different factors to consider when organising a sports activity session, as well as supporting participants as they car

