BTEC

## Pearson

Examiners' Report/ Lead Examiner Feedback
Summer 2017

BTEC Level 3 Nationals in Sport Unit 2: Fitness Training and Programming for Health, Sport and Wellbeing (31525H)


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## Grade Boundaries

## What is a grade boundary?

A grade boundary is where we set the level of achievement required to obtain a certain grade for the externally assessed unit. We set grade boundaries for each grade, at Distinction, Merit, Pass and Near Pass.

## Setting grade boundaries

When we set grade boundaries, we look at the performance of every learner who took the external assessment. When we can see the full picture of performance, our experts are then able to decide where best to place the grade boundaries - this means that they decide what the lowest possible mark is for a particular grade.

When our experts set the grade boundaries, they make sure that learners receive grades which reflect their ability. Awarding grade boundaries is conducted to ensure learners achieve the grade they deserve to achieve, irrespective of variation in the external assessment.

## Variations in external assessments

Each external assessment we set asks different questions and may assess different parts of the unit content outlined in the specification. It would be unfair to learners if we set the same grade boundaries for each assessment, because then it would not take accessibility into account.

Grade boundaries for this, and all other papers, are on the website via this link: http://www.edexcel.com/iwantto/Pages/grade-boundaries.aspx

Sport: Unit 2, 31525H
Fitness Training and Programming for Health, sport and Well- being

| Grade | Unclassified | Level 3 |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- |
|  |  | N | P | M | D |
| Boundary Mark |  |  | 18 | 31 | 45 |

## Introduction

This was the first series of the new Level 3 Nationals specification for Unit 2: Fitness Training and programming for Health, Sport and Well-being. This unit has been a combination of several previous QCF units such as Exercise, Health \& Lifestyle, Fitness Training and Programming, Nutrition and Fitness Testing. This is the first time that these units have been combined as well as being assessed externally through a task based assessment. Overall learners appeared to be well prepared for this style of examination as this was a new concept for many centres and learners with the release of Part A and B being on different scheduled dates and the learner's use of their research notes within the examination period.

The task based assessment followed the same format as the sample assessment material as well as the additional sample assessment material. The task based assessment was split into 6 questions which were all open response answers and were given different marks.

Question 1 looked into the different lifestyle factors of the given individual within the scenario as well as assessing their health monitoring test results. There was a total of 12 marks for this question. Question 2 covered the different lifestyle modification techniques that were appropriate for the individual and would be given a total of 12 marks. Question 3 would ask the learners to propose and justify nutritional guidance for the selected individual and would be given a total of 8 marks. Question 4 covered different training methods for the selected individual and would be given a total of 8 marks. Question 5 asked the learners to design weeks 1,3 and 6 of a 6 -week training programme taking into account the individuals training needs and would be given a total of 6 marks. The final question looked at giving a justification of the design of the training programme that learners had completed in the previous question and this would be given a total of 14 marks.

## Introduction to the Overall Performance of the Unit

Learners have performed relatively well across the paper and to the style of assessment being carried out. It was clear that majority of the learners had prepared for the task based assessment in an appropriate manner through the preparation of their research notes which could be taken into Part B of the examination. Question one performed particularly well as there was a vast amount of information on both the lifestyle factors and health monitoring tests that learners could discuss and cover in their answers.

Question 2, Trait 3 of the mark scheme did not answer particularly well as many learners did not give a prioritisation of the lifestyle factors taking into account which ones were the most important and why. More of a link to the lifestyle factors from question 1 could have also been more apparent.

Question 3 performed less effectively as many learners failed to give any specific nutritional guidance that was taken from the unit specification. Guidance such as Recommended Daily Allowance of calories, suggested quantities of both macronutrients and micronutrients and Hydration could have been included more across the board.

Question 6, Trait 2 of the mark scheme was also answered poorly as many learners failed to justify the design of the training programme taking into account the aims and objectives of the programme, resources needed and personal goals of the chosen individual and most importantly periodisation was very poorly covered.

## Individual Questions

The following section considers each question on the paper, providing examples of popular learner responses and a brief commentary of why the responses gained the marks they did. This section should be considered with the live external assessment and corresponding mark scheme.

## Q1 - Interpret the lifestyle factors and screening information for Helen Jones.

Majority of the marks would be gained if learners could identify both positive and negative lifestyle factors from the screening information and describe these comprehensively. The lifestyle factors that should be covered are Sleep, Diet, Exercise, Smoking, Alcohol, Stress and having a Sedentary Lifestyle.

Learners should also be able to give a detailed analytical approach of the lifestyle factors of the chosen individual, leading to an interpretation of their impact on health and wellbeing. The interpretation should have specific relevance to the health and wellbeing of the individual.

Learners also need to give a detailed analytical approach and interpretation of the health monitoring test results of the chosen individual. The interpretation should be made specifically relevant to the individual and their health and lifestyle. All 4 health monitoring test results should be covered from Resting Heart Rate, Blood Pressure, Waist to Hip Ratio and Body Mass Index (BMI).

This response gained 11 out of 12 marks

1 Interpret the lifestyle factors and screening information for Helen Jones.
One ifietyle factor is exercise, this is a hegataie in Helens ifestyle because she dorsum not lexeruse at au, This means she is at is of getting a cronic disease Whet dancer or type 2 diabetes Lake of exercise phis psychologically Gan increase the chance of depression and shoes. Yon can see in the her lifestyle that she does get stressed and extra Lave of excerese could be why stress t is a negative response to the
enubment whin could lead to hypertension of a heart attack The negative of Helen week is that she words more hat than the nemative data recommends, 37.5 hours fer weele. Hoverer a positive besifle factor is tar she bet a good amount of time for a Hue break. Helen drives 2 milos
to wore. This isni very far and seems to be lazy when she could bike or walk to a bus step and get the bus. One negative about Helen lifestyle is not having a balanced ifetyle, the increases her chances of getting stroke as a balance disease improves variate immune puetion. Covment recommends people to eats a day and are the eatwen guat to adjeist their diets. helen cats fa two much takeaway foods which contain. large amounts of Lats and diary. She doesit kat any bait so there is a Cake of nutrients minerals and water in her diet, fielen dines no water. 2 bit spines mizealthy dines live fizzy drink and alcohol. She consumes 18 units a week of alcoha, but the government only recommends it units a week, she is drinking par to much, increasing her
alone intake leading to weight gain. Her timing of her meals are line las she snacles between the meals, hoverer she ohould snack fealtho as crisps, chordate and doput contain to much sugar fou and calones thelen smbtees which is haimpur to no health due to the nicotine and tar she could become infertile or get lung disease because of The ddenage caused avertin Amy smoking Helens Blood pressure, systolic per diastaic, is on the edge of being.
Hypertension, which is a rise of pugh blood pressure, the could lead to heat-attacles, and it is measured by a digital mentor. Helens resting heat rate is aver average which means she cireng unfit, and Ding unfit could \& lad to portiqut and depression your
(1) heat rate can be measured by the radial artery in you unit tielens BMI is telling me that one is obese carrying a large amount of rat on her skeleton, which rash good for ho bones as they may breale easily and detenorate. Her waist to hip ratio tens you she is carrying too much weight comping it to Normalature data. Helen sleeps 8 haws a night, which ts goad because thats'what the goverment recommends as it helps beady to rest and rester. It is greater that helen eats breaker fast as it helps her body function well far the upcoming daily wore. tween mare so bette that she lat fibre far breakfast Which heres her digestive system. Helen annates far toe much tea When she antes little coaster, one coffee is day but in ti She wail to dine mere of it. it would be unhealthy as it only stimulates mod, Lot so much hydrating you.

The learner has interpreted and described comprehensively all of the relevant positive and negative lifestyle factors from the screening information. Lack of exercise, diet, smoking, alcohol and stress have all been covered. This part of the answer has fallen into mark band 4 for trait 1 of the mark scheme.

The learner has also given a detailed analytical approach to the interpretation and impact of the lifestyle factors which has been made specifically relevant to the health and wellbeing of the individual. This part of the answer has fallen into mark band 4 for trait 2 of the mark scheme.

There has also been an analytical approach leading to the interpretation of the health monitoring test results and the interpretation has been made relevant to the individual. This part of the answer has fallen into mark band 3 for trait 3 of the mark scheme.

| Assessment focus | Band 0 | Band 1 | Band 2 | Band 3 | Band 4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Interpret lifestyle factors and screening information for an individual | 0 | 1-4 | 5-7 | 8-9 | 10-12 |
|  | No rewardable material | Lifestyle factors are identified from screening information. <br> An interpretation of the impact of the lifestyle factors might be attempted, however has limited relevance to the health and wellbeing of the individual. <br> An interpretation of health monitoring test results might be attempted, however is generic, lacking relevance to the individual. | Positive and negative lifestyle factors are identified from screening information, and are described. <br> Attempted analytical approach, leads to an interpretation of the impact of the lifestyle factors; interpretation demonstrates general relevance to the health and wellbeing of the individual. <br> Attempted analytical approach leads to an interpretation of health monitoring test results; interpretation is generally relevant to the individual. | Positive and negative lifestyle factors are identified from screening information, and are described in detail. <br> Analytical approach leads to interpretation of the impact of the lifestyle factors; interpretation demonstrates relevance to the health and wellbeing of the individual. <br> Analytical approach leads to interpretation of health monitoring test results; interpretation is relevant to the individual. | Positive and negative lifestyle factors are identified from screening information, and are comprehensively described. <br> Detailed analytical approach, leading to an interpretation of the impact of the lifestyle factors; interpretation has specific relevance to the health and wellbeing of the individual. <br> Detailed analytical approach, leading to an interpretation of health monitoring test results; interpretation is specifically relevant to the individual. |

The learner could have picked up the one extra mark by giving a more detailed analytical approach of the interpretation of the four health monitoring test results, making it specifically relevant to the individual within the scenario. This response would have fallen into band 4 for trait 3 of the mark scheme.

## Q2 - Provide lifestyle modification techniques for Helen Jones.

The higher band of marks were gained here for proposed lifestyle modification techniques that demonstrated specific relevance to the individual's lifestyle and requirements. A learner should be able to give lifestyle modification techniques based around increasing Physical Activity, reducing smoking, reducing alcohol consumption and stress management techniques. Diet modifications may also be considered here. High end marks would be given to a learner that suggested lifestyle modification techniques that are specific to the chosen individual and their lifestyle.

A learner will also be able to give a justification for the proposed modification techniques that are specifically relevant to the individual's lifestyle factors. The common barriers to change such as Time, Cost, Location and Transport should also be integrated within the justification of the lifestyle modification techniques.

A learner should also be able to give proposals of lifestyle modifications that systematically link to the lifestyle factor analysis. The proposals given should demonstrate an understanding of significance, ie, which is the most important lifestyle modification technique and why.

One modification Helen should do Us quit stoking because of the damage it causes, uragginguy arthenes she can get help for this by contacting the Nits fer importation, adirce and suppent, or she could buy nicolve replace ments time gum, patches and tablets. Helen could also reduce her alcohol ensumpuons so she is drinking ate only 14 units a day and replace it with wrote so she is making, sure she gets the 2 litre of water in her system The the government reammendr because bor body is $60 \%$ water, and due to the lack of it the booty is fending it hard to furctionl. If the needs Repp to decrease the amount The dinkies she could get counseling where they explore Helen needs
to relay and net be so stressed, to do (reaishsemenge could thy meditating where it eleminates negative thaigho or wore on her time manclgement. she can wrote on her trine management by achieving duly tasks and Minimising unproductive activity. Helen Doisnit exercise at all, to she must modify her inactivity is decredfe chances of fencer, stroke and hypertension. Ixerase unll alto destease helen bland pressure and heat hate and reduce her wast to hip ratio. Helen could exerase by gang for wales and fogs dung ne wore break of cycle to wore instead of diving. She could even take part in ilk taking acmithes so that there an endorphin releases, making her. motivated to Loose wright and making her feel positive. Helen depenetly heeds to improve hediet, of including mate protein
and (meats) so ore gets her daily recommendation of 4 Sg per day, dupe and decrease the ambit of calais she pats. she can decrease them by Coding on labels of products or Uniting herself, to and chocolate bar every few days, By doing so her BMI and waist to hop pete enl decrease as she mill be wooing cueight. Helen must Consider bowers to lifestyle modifications like time, cost, transport and Location \& However because she isnt a proffessical sportsman under and/esnt actwe at all, she could maintain a healthy lifestyle per free at home. At home she could do housework, gardening or dog walking to keep actor. Even in her spare time she could tate pan in comely activities lite swimming.

The learner has proposed lifestyle modification techniques that demonstrate specific relevance to the individual's lifestyle and requirements from the targeted scenario. Lifestyle modification techniques have been suggested around all of the lifestyle factors that appear within the screening information in Part B of the task based assessment. The learner has given specific strategies to increase their physical activity, strategies to decrease both smoking and alcohol consumption, stress management techniques and diet advice has also been covered within this answer. This part of the answer has fallen into mark band 4 for trait 1 of the mark scheme.

The learner has also justified the proposed modification techniques and made them specifically relevant to the individual's lifestyle factors. The techniques that have been proposed have been justified in terms of the individual's lifestyle and work commitments. The learner has also included the common barriers to change within their answer and made them specific to the individual and their chosen lifestyle modification techniques. This part of the answer has fallen into mark band 4 for trait 2 of the mark scheme.

The lifestyle modification proposals do systematically link to the individual's lifestyle factor analysis and they do demonstrate an understanding of significance. The lifestyle modification techniques that have been proposed link to the individual's health monitoring test scores and discuss how they would be affected in a positive way. This part of the answer has fallen into mark band 3 for trait 3 of the mark scheme.

Activity 2

| Assessment focus | Band 0 | Band 1 | Band 2 | Band 3 | Band 4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Proposed lifestyle modification techniques | 0 | 1-3 | 4-6 | 7-9 | 10-12 |
|  | No rewardable material | Proposed lifestyle modification techniques are generic, with limited relevance to the individual's lifestyle or requirements. <br> Justification for proposed modifications might be attempted, however has limited relevance to the individual's lifestyle factors. <br> Linkage between proposals and factor analysis might be present. | Proposed lifestyle modification techniques demonstrate general relevance to the individual's lifestyle and requirements. <br> Justification for proposed modifications is often present and generally relevant to the individual's lifestyle factors. <br> Proposals link to lifestyle factor analysis, although there may be occasional lapses. | Proposed lifestyle modification techniques demonstrate relevance to the individual's lifestyle and requirements. <br> Justification for proposed modifications is present and relevant to the individual's lifestyle factors. <br> Proposals systematically link to lifestyle factor analysis; proposals demonstrate an understanding of significance. | Proposed lifestyle modification techniques demonstrate specific relevance to the individual's lifestyle and requirements. <br> Justification for proposed modifications is. present and specifically relevant to the individual's lifestyle factors. <br> Proposals systematically and consistently link to lifestyle factor analysis; proposals may be prioritised, demonstrating thorough understanding of significance. |

The learner could have picked up the extra two marks by consistently linking their lifestyle modification techniques to their lifestyle factor analysis and health monitoring test scores. The learner could have also given a conclusion that prioritised the selected lifestyle modification techniques for the chosen individual, demonstrating a thorough understanding of significance.

## Q3 - Provide and justify your nutritional guidance for Helen Jones to meet her specific requirements.

The proposed nutritional guidance should demonstrate specific relevance to the individual's requirements and health and wellbeing. The recommended daily allowance of calories for the individual should be stated, as well as the quantities and sources of food for both macronutrients micronutrients. Hydration should also be covered as well as adapting their diet to lose weight to improve their health and wellbeing.

The proposed nutritional guidance should also be justified making it relevant to the individual's dietary requirements. The fact that the chosen individual is now starting to exercise should be considered and taken into account.

## This response gained 7 out of $\mathbf{8}$ marks．

3 Provide and justify your nutritional guidance for Helen Jones to meet her specific $/ 6$／
requirements．
I－healthy altennatice
-mautere -BMR. - Sot unrated

1－CHa $80 \%$ fat $15 \%$ Protein 25\％－unsay
2－calwell NH／S + Gov－high Gi sw－Timing mans．
3－hydration
4 －Dietary lactone fhamoyomsis／energy balance iniout．

Within helens diet and food ingate there are Many ways she can reduce her amount of satroue fats ord replace them with unsaturated fats 害
Guerath she can improve nee diet bo be healthy
firstly helen mainly eat saturated focus such as ealing a chinese takeaway and snacking on saturation foods offer that such as a doughnut She does not consume any fruit borougnovt b he day，where the government recombines possie to eat 5 pieces of froe a day．Held should be making 600 carbohyduxtes （CHO）15\％Triglycerides and $25 \%$ protein．．．Which are all forms of macronotriend．Wribin her current died She is badly reciening the crofricet vitamins chough． not consuming faust or Legiobates．．．such as banns curtains kiamn o Helen Basic metabolic race is ．．．around 22 so calenies a day which is vina r she has this amount af earlones lo stay alive．Helen harding Consumes vitamins and mineras which are vital
micronutrients she needs to consume.

Its Imporiant that Helen replaces mosi of the Soturated fats in her aret to unsaturated fats Which is a iquid at room tempodture where an Saturaut is a sold at room tempartite. She can ad this by - reploing the dondghts chociate bous with frut such - as lemon whioh wocrewes the rats of your mataborm. She an also use sumpl and cmpher aubobyidacs by simply aubohgalace (cHo) being bigh Gl foows Which waks to the glycenc inde bang the measwement Q) giucase bomg yox blood sugar tevel simple CHo Ge foed produets Such as white brend cund fugnips Whioh omtain high ievelot cho and complet CHO are low Gl foods such as bracol: which weuld begad in hove no helens duct Hejen shoula ars fal wo thu gaumand
 the quantitice of ford yey Shoula colosud tedeh ady. Such as tiut and vegtebate buny the brg.gest quandry. Helen can alsa spied at her mal lmigs by harmg S Gmalle mous a day rotha Gran 3 Graugh.... her pobabolish then rot shutting gown whick penth The will be burnigg caborc Elowghou the olay.

Through palens eabing and cleblelg pian she Consumes no cupe of waler (Total for Activity $3=8$ marks) which shaus that she cave be dehyolroithe, she



Question
number


The learner has proposed nutritional guidance that demonstrates specific relevance to the individual's requirements of improving health and wellbeing. The nutritional guidance is specific to the individual as they have stated their recommended daily allowance of calories, the quantities and sources of food for both macronutrients and micronutrients, how hydration can be improved as well as adapting their diet to lose weight and improve health and wellbeing overall. This part of the answer has fallen into mark band 4 for trait 1 of the mark scheme.

The learner has also justified the proposed nutritional guidance and made it specifically relevant to the individual's dietary requirements. The justification takes into account that the individual wants to improve their health and wellbeing by losing weight and also that they will be taking part in exercise in the very near future. This part of the answer has fallen into mark band 4 for trait 2 of the mark scheme.

## \# Activity 3

| Assessment focus | Band 0 | Band 1 | Band 2 | Band 3 | Band 4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Nutritional guidance | 0 | 1-2 | 3-4 | 5-6 | 7-8 |
|  | No <br> rewardable <br> material | Proposed nutritional guidance is generic, with limited relevance to the individual's dietary requirements. <br> Justification for proposed nutritional guidance has been attempted, however shows limited relevance to individual's dietary requirements. | Proposed nutritional guidance demonstrates general relevance to the individual's requirements. <br> Justification for proposed nutritional guidance is generally relevant to the individual's dietary requirements. | Proposed nutritional guidance demonstrates relevance to the individual's requirements. <br> Justification for proposed nutritional guidance is relevant to the individual's dietary requirements. | Proposed nutritional guidance demonstrates specific relevance to the individual's requirements. <br> Justification for proposed nutritional guidance is specifically relevant to the individual's dietary requirements. |

The further one mark could have been gained if the justification for micronutrients was more detailed and made more specifically relevant to the chosen individual. More specific food sources for micronutrients could also have been suggested for the individual.

A high percentage of learners did not include much of the specification within their answer to this question. Learners generally gave nutritional advice around food sources to replace the individual's current diet. To give more specific nutritional guidance, learners must include more from the specification such as Recommended Daily Allowance of calories, suggested quantities and sources of food for both macronutrients and micronutrients, Hydration and adapting their diet to lose weight.

## Q4 - Propose and justify different training methods that meet Helen Jones's training needs.

To gain maximum marks for this question learners should be able to propose training methods that demonstrate specific relevance to the individuals training requirements. A learner should be able to propose training methods based around both Aerobic and Muscular Endurance. Proposing training methods around flexibility would also aid in making their answer more specifically relevant. A learner should be able to propose training methods for Aerobic Endurance such as Continuous Training, Fartlek Training, Interval Training and Circuit Training. For Muscular Endurance, it could be Circuit training again as well as Fixed Resistance Machines and Free Weights. For Flexibility, it could be Static stretching, Dynamic Stretching and PNF.

A learner should be able to justify the proposed training methods above making it specifically relevant to the individual's training needs. Learners should be able to state which methods of training would be most appropriate and why.

This response gained 7 out of 8 marks
4 Propose and justify different training methods that mext Helen Jones's training needs.
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 d ncte subtabefor beten as o veginot is

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 Fon cudung-jgging-ranolng instect of
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 -gma3. Heloh chad enon trin to chonoptar

MuSte tone with very bgbt revitand troingy, Fined resestonce mocumes would be a safer oftion or lar of o hgrach of fi-ste Is a ghicled roge of movenot/motrin- She sould nood to peftem hig repf with o low weght (ey. 30 repract $43 \cot$ ) in ordor to arebre fokgos. This angy be fatable

 crincr wite be more epective (onergy fer apton respution is fremminchandra). Helen could also wedectale core stablity Frineg suan as yoga and pilater these exscess show towremposituce pfepts on sociot methat wol plyyreat velbeing (whinisa port ci hes indiredecels gooly). Yogo inconporates breathing techaphes when whit melp reviene jelma's olioct pains Gicuit taindy may ba a exuthet why ka concot Helone fatash cous and bura fat Thus may bs usefl in the 6hume of hut troving opec rie has pogesced in cters reforeland using tac oluer treuting wothedi Mantwend. 7

The learner has proposed training methods for aerobic endurance, muscular endurance and flexibility showing specific relevance to the individuals training requirements. The learner has discussed continuous and fartlek training to improve the individual's aerobic endurance, fixed resistance machines for muscular endurance and also yoga, which does cover flexibility. The learner has also mentioned circuit training which will aid with both aerobic endurance and muscular endurance. The main two components of fitness here that needed to be covered with different training methods were aerobic endurance and muscular endurance. Adding yoga for flexibility makes the learners answer even more specific. This part of the answer has fallen into mark band 4 for trait 1 of the mark scheme.

The learner has also justified the proposed training methods making it specifically relevant to the individuals training needs. The learner has stated the most suitable training methods for each of the main components of fitness that have to be covered for the chosen individual and their training needs giving reasons why. This part of the answer has fallen into mark band 4 for trait 2 of the mark scheme.

Activity 4

| Assessment focus | Band 0 | Band 1 | Band 2 | Band 3 | Band 4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Training methods | 0 | 1-2 | 3-4 | 5-6 | 7-8 |
|  | No rewardable material | The proposed training methods are generic, with limited relevance to the individual's training requirements. <br> Justification for proposed methods is attempted however, is not always relevant to the individual's training needs. | The proposed training methods demonstrate general relevance to the individual's training requirements. <br> Justification for proposed training methods is generally relevant to the individual's training needs. | The proposed training methods demonstrate relevance to the individual's training requirements. <br> Justification for proposed training methods is relevant to the individual's training needs. | The proposed training methods demonstrate specific relevance to the individual's training requirements. <br> Justification for proposed training methods is specifically relevant to the individual's training needs. |

The learner could have gained the extra one mark if they had included interval training for aerobic endurance, free weights for muscular endurance as well as add more specific flexibility training methods such as static and dynamic stretching. These should have also been justified in relation to the individual and their training needs and lifestyle.

Majority of the marks for question 5 would be gained if learners could design a training programme that demonstrated specific relevance to all of the fitness requirements of the individual. Learners must include Aerobic Endurance and Muscular Endurance activities within the programme design. Flexibility training methods would make the programme even more specific to the chosen individual.

The training programme should also demonstrate a thorough understanding of the principles of fitness training, in the context of the individual's lifestyle or training requirements. The FITT principle must be applied in full detail to the programme, being specific with the intensity of each activity. Additional principles of fitness training must also be applied such as specificity, overload, progression, reversibility, rest and recovery, adaptation, variation and individual needs. Not all of the additional principles of fitness training need to be applied here but the programme must demonstrate a thorough understanding of these and that they have been taken into account when designing the 3 weeks of the 6 -week programme.




The learner has designed a training programme that demonstrates specific relevance to all of the fitness requirements of the individual as they have included training methods for aerobic endurance, muscular endurance and flexibility. The learner has included continuous, interval and fartlek training for aerobic endurance, resistance machines and circuit training for muscular endurance as well as passive and static stretching for flexibility. This part of the answer has fallen into mark band 3 for trait 1 of the mark scheme.

The training programme that has been designed has also demonstrated a thorough understanding of the principles of fitness training, in the context of the individual's lifestyle or training requirements. The learner has implemented the FITT principle each week and clearly stated the intensity for majority of the sessions. The training programme is specific to the individual and their needs and lifestyle as it is based around their daily work routine. The programme progresses each week, has included rest and recovery days, has variation included with a variety of different training methods being used and the programme also takes the persons individual needs into account by having simple activities at the start of the programme and progresses these as the weeks move on. This part of the answer has fallen into mark band 3 for trait 2 of the mark scheme.

Activity 5

| Assessment focus | Band 0 | Band 1 | Band 2 | Band 3 |
| :---: | :---: | :---: | :---: | :---: |
| Six-week training programme | 0 | 1-2 | 3-4 | 5-6 |
|  | No rewardable material | The training programme is generic, with limited relevance to the fitness requirements of the individual. Certain requirements may be omitted. <br> The training programme demonstrates a limited understanding of the principles of fitness training, in the context of the individual's lifestyle or training requirements. | The training programme demonstrates relevance to the fitness requirements of the individual, although not all requirements are covered. <br> The training programme demonstrates an understanding of the principles of fitness training, in the context of the individual's lifestyle or training requirements. | The training programme demonstrates specific relevance to all fitness requirements of the individual. <br> The training programme demonstrates a thorough understanding of the principles of fitness training, in the context of the individual's lifestyle or training requirements. |

There was a high percentage of learners that did not include both the main components of fitness for this individual such as aerobic endurance and muscular endurance within the programme. Many learners did not state an intensity for each session for the individual or include the bpm (beats per minute) or MHR (Maximal Heart Rate) where relevant.

## Q6 - Justify the fitness training programme that you have designed for Helen Jones.

A learner should be able to give a justification that demonstrates a thorough understanding of the principles of fitness training applied to their training programme. The FITT principle must be justified in relation to their training programme and again majority of the additional principles of fitness training should be justified such as specificity, overload, progression, reversibility, rest and recovery, adaptation, variation and individual needs in terms of the training programme that has been designed.

A learner should be able to give a justification that demonstrates relevance to the design of the training programme and the training requirements of the individual. Learners should be able to justify the aims and objectives of the training programme for the chosen individual as well as any personal goals and resources required. Periodisation should also be mentioned in the context of the design of the 6-week fitness training programme.

This response gained 13 out of 14 marks

6 Justify the fitness training programme that you have designed for Helen Jones.

The trining feggommo unich. I have dosigese for Helen is specific tr uec regusiements ar a begimer

chest exics, The pragowna ensuses tuis bos $\qquad$
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The learner's justification has demonstrated a thorough understanding of the principles of fitness training that have been applied to the training programme. The learner has justified the FITT principle in relation to the training programme and individual and they have also included all of the additional principles of fitness training from the specification. They have commented on specificity, overload, progression, reversibility, rest and recovery, adaptation, variation and individual needs in terms of application to the training programme. This part of the response has fallen into mark band 4 for trait 1 of the mark scheme.

The justification given also demonstrates specific relevance to the design of the training programme and the training requirements of the individual. The learner has included the personal goals and aims of the programme for the individual and summarised this with the SMARTER acronym. They have also briefly mentioned and applied periodisation to the training programme and its design. This part of the answer has fallen into mark band 4 for trait 2 of the mark scheme.

Activity 6

| Assessment focus | Band 0 | Band 1 | Band 2 | Band 3 | Band 4 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Provide a justification for the training programme that has been produced for an individual | 0 | 1-4 | 5-7 | 8-10 | 11-14 |
|  | No rewardable material | The justification demonstrates a limited understanding of the principles of fitness training. <br> The justification is generic with limited relevance to the design of the training programme, or the training requirements of the individual. | The justification demonstrates a limited understanding of the principles of fitness training applied to the training programme. <br> The justification is generally relevant to the design of the training programme and the training requirements of the individual. | The justification demonstrates an understanding of the principles of fitness training applied to the training programme. <br> The justification demonstrates relevance to the design of the training programme and the training requirements of the individual. | The justification demonstrates a thorough understanding of the principles of fitness training applied to the training programme. <br> The justification demonstrates specific relevance to the design of the training programme and the training requirements of the individual. |

The extra one mark could have been gained if the learner had given further justification around the design of the training programme including the resources required and the different objectives set for the individual. Further justification around periodisation could have also been achieved in terms of the training programme design.

There was a considerable number of learners that did not include any principles of fitness training when it came to their justification. Learners spoke about their fitness training programme but only in terms of what they had included for each of the 3 weeks, making their justification show a limited understanding of the principles of fitness training.

## Summary

- Please make sure that all centres read the Administrative Support Guide document for BTEC National in Sport that can be found on the Pearson Website at; http://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Sport/20161/external-assessment/2017 Sport ASG L3 U2.docx
Centres need to print off a Learner Record Sheet for each learner taking the task based assessment and these should be submitted with their learner booklet.
- Question 2, trait 3 did not perform as well as expected. Learners need to link their lifestyle modification techniques to the lifestyle factors and health monitoring tests from question one. Learners should also give a conclusion that prioritises the different lifestyle modification techniques for the chosen individual.
- Question 3 did not perform as expected and learners need to ensure that they give more specific nutritional guidance for the selected individual that can be found in the specification. Guidance such as Recommended Daily Allowance of calories, suggested quantities and sources of food for both macronutrients and micronutrients, Hydration and adapting their diet to lose weight.
- For question 5, ensure the FITT principle is fully applied to the training programme including the intensity. For any aerobic based activity, the intensity values must include either MHR (Maximal Heart Rate) or BPM (Beats Per Minute).
- Question 6, trait 2 did not perform as expected. Learners need to ensure they justify the design of their fitness training programme taking into account the aims of the programme, its objectives, personal goals for the individual and resources required. Periodisation should also be mentioned when justifying the design of the fitness training programme.

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