



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

Crado	Unclassified	Level 3			
Grade	Unclassified	N P M D			D
Boundary Mark	0	9	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

Taskbook Please do not write answers outside the spaces provided. You must complete all activities in this taskbook. 1 Interpret the lifestyle factors and screening information for Helen Jones. {12}

to work. This isn't very far and Seems to be lasy when could bike or walk to a get the bus, One about Helens likestide is not having a balanced literative this increases for chances of setting stroke as a balance disease in proves wourse immune Metion. Ortoment recommends people to eat 5 a day and ase the eather quide to adjust their diets, Helen eats I too much takeaway Loods of Lats and diary. She doesn't so there is a lat any faut pletaents, minerals and no water but likes withealth dennes like firzy drink and alcohol. Shel a week of alcoha, but the gaverment only recommends 14 units a week, she is driving for to much, increasing he

calone intake leading to weight Cuna disease be damage caused nng smoking. a oppession (Total for Activity 1 = 12 marks)

heart rate can be measured by the radial overy in you wrist. Helens BMI is tetling me that The is mor obese, carnyi arge amount of Last on he beleton which tright good bones as they may break easily and deternated. Her She is carrying too much noomalative data. Helen is good because that what the government recommen as at helps the body to Even more so bette le coffee is okay but it would be unhealthy as it 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	Band 0	Band 1	Band 2	Band 3	Band 4
focus		1-4	5-7	8-9	10.13
Interpret	No.		Positive and negative		10-12
lifestyle factors and	rewardable	Lifestyle factors are identified from screening	lifestyle factors are	Positive and negative lifestyle factors are	Positive and negative lifestyle factors are
screening	material	information.	identified from screening	identified from screening	identified from screening
information	material	miormation.	information, and are	information, and are	information, and are
for		An interpretation of the	described.	described in detail.	comprehensively
an individual		impact of the lifestyle	described.	described in detail.	described.
dir marviddai		factors might be	Attempted analytical	Analytical approach leads	describedi
		attempted, however has	approach, leads to an	to interpretation of the	Detailed analytical
		limited relevance to the	interpretation of the	impact of the lifestyle	approach, leading to an
		health and wellbeing of	impact of the lifestyle	factors; interpretation	interpretation of the
		the	factors; interpretation	demonstrates relevance to	impact of the lifestyle
		individual.	demonstrates general	the health and wellbeing of	factors; interpretation has
			relevance to the health	the individual.	specific relevance to the
		An interpretation of	and wellbeing of the		health and wellbeing of the
		health monitoring	individual.	Analytical approach leads	individual.
		test results		to interpretation of health	
		might be attempted,	Attempted analytical	monitoring	Detailed analytical
		however is generic,	approach leads to an	test results;	approach, leading to an
		lacking	interpretation of health	interpretation is relevant	interpretation of health
		relevance to the	monitoring	to the individual.	monitoring
		individual.	test results;		test results;
			interpretation is generally relevant to the individual.		interpretation is specifically relevant to the individual.
			relevant to the individual.		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.

This response gained 10 out of 12 marks.

2 Provide lifestyle modification techniques for Helen Jones.
One modification Helen snayed do
is guit smoking because of the
damage it causes, unlogginging
this by contacting the NHS for
to bornsting adding and or and
information, adirce and support,
and tablets. Helen could also
reduce her alcohol consumptions
so she is anniving over my
14 units a day and reptace
it with water so She is
making sure she gets the 2
litres of water in her system
because so body is 60% water
and due to the lack of it to
The body is flending it hard
to kindstion! If she needs
held to decrease the amount
The drinks The carld get
counselling where they explore
trigges for alaphol. Heler needs
- *

to relax and not be so stressed reditating where it elomi regative charght manage men her title managemer by achieving daily tasks a hinimising unproductive activity so she must made he inactivity is decred Itroka and huper tension xercisé un also do creaso black pressure Helen could exercise be mativated to loose was making her keel posisti deferetly heeds to improve let, by including more

and (means) so one gets, her
daily recommendation of 4Sg
per day, dupon and decrease the
amount of calones she eats.
She can decrease them by
Godeing on labels of products or liniting nesself to one chocolate
Uniting herself to and charalate
bar every few days, By dang
bar every few days. By doing so her By and waist to hip
petro enll decrease as she mu
be looning weight. Helen must
Consider barriers & likestyle
modifications like time, cost,
frankport and location, & However
because she isn't a proffessical
sportsman were and front active
at all she could maintain
a healthy lifestyle for free
at home At Kornel she could
de haisework, gardening or
dog walking to keep active.
toen in her spare time she
could take part in famely
activities like Surming.

(Total for Activity 2 = 12 marks)

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.

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

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 8 marks.

Provide and justify your nutritional guidance for Helen Jones to meet her specific requirements. (8)
T - healthy allennative
I - heaving alternative marrie - BMR Sole utated 1 - CHO 60%, fat 15% Protein 25% - unsat
2- calwell NHS+ Gov - high G1 - Timing mones.
3- hydration
4 - Dietary /adollie thermogenisis / energy by worker 101000
Within Helens diet and food intake there are
Many ways she can receive her amount of mesacon
fats and replace them with unsaturated fats &
averall she can infrare ner diet to be healthy
Firstby helen mainly out saturated lates such as
food S Ofter that Such as a daughnut She does
not consume any fruit consugnment the day, where
the government recommends people to eat 5 pieces ex
frust a dog. Helen Shovid be milouring 60% carronywates
(CHO) 15% Triglycerides and 25% Prover Which
Ose all foins of macronitrient. Within her current diet.
She is bordly receiving the connect vitomins enough
net consuming fruit or regionales. Such as banans
Containing VIII D Helens Basic metabolis pare is
around 2250 caleries a day which is vitan she has
Enis amount of contours to stay affire. Helen hardly Consumes Vitamins and mineral which are vital

Micronutrients She needs to consume. Its Important that Helen replaces most of the Saturated fats in her diet to unsaturated fats Which is a light at room temporature where are saturated 15 a Solid at 100m temperature. She cano do this by replacing the done ghts. Chociate bours with fruit such as lemon which increases the rate of your marabolism. She com also use simple and amplex calbaby atales by simply autohydrates (CHO) being then 61 foods Which HARS to the glycemic index being the measurement C+ Glucose being you blood sugar level Simple CHO ase food products Such as White bread and Parships which contain high level of the and complex the one low G1 ferals such as brecoti which would be good to have in helens diet. Helen Shavia also follow the government guidelines of the carrell Place giving vita Ladvice of the quantities at food you should consume tack day. Such as fruit and veglebales being the biggest quantity. Helen can also spread out her neal timings by horing 5 smaller means a day rotther than 3, through her metabolism then not shotting own which menor she will be burning calorry enroughous the day. Through havens eating and diffiniting plan she CUPS Of Water (Total for Activity 3 = 8 marks) CONSUMES no which shows that She could be debyourded,

3 Sugary drinks such as wine. She cavia replace
this by increasing her werter intake daily
and replacing the sugary drinks with water
considering 50-60% of total body weight
Is water . Welter is the main transport
mechanism in the body by helping aligest foods
and remaking waste products. If helen was in
a hot Climac then she wawid need to be
more hydrowed through loosing weren by uninoung
and sweating.
The also because a source distance is
Its also important to consider dielary thorogons
Which is the digestion and transportation and
2150 Stomer of food where eating
fegular meas buins energy more quickly

3	There is also adoptive thermogensis which
	is the process Of burning calones through
	the temperature of the body, which may not
	be so relatable to help through living a
	Solution lifestyle. Its also important to consider
	Mergy bulance by the energy input wins food
	and drink and the energy output being exactors
	which is very interconced for belon by
	consuming move feed than she burns off
F (STIM) To	AB8

un	ic h	maars	She	can	nob	maubeain	<u>C4</u>
		wergha					
		9					

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	0	1-2	3-4	5-6	7-8
quidance	No	Proposed nutritional	Proposed nutritional	Proposed nutritional	Proposed nutritional
-	rewardable	guidance is generic, with	guidance demonstrates	guidance demonstrates	quidance demonstrates
	material	limited relevance to the	general relevance to the	relevance to the	specific relevance to the
		individual's dietary	individual's requirements.	individual's requirements.	individual's requirements.
		requirements.			
			Justification for proposed	Justification for proposed	Justification for proposed
		Justification for proposed	nutritional guidance is	nutritional guidance is	nutritional guidance is
		nutritional guidance has	generally relevant to the	relevant to the individual's	specifically relevant to the
		been attempted, however	individual's dietary	dietary requirements.	individual's dietary
		shows limited relevance	requirements.	dictary requirements	requirements.
		to	requirements		requirements
		individual's dietary			
		requirements.			
		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 meet Helen Jones's training needs. (8) Helen's cycals are to improve overall health and mellbeing, and do do regular exercise in order to gradually improve fitness buels. In my opinion the best training method which a most suitable for Heleras a heginner is cardioursculor-varculor endurance, specifically scritizuous acrobic training. This type of tourning method is relevant in order to achieve the individual's goals and different types of exercise can be adapted in order to prevent Helen's tealium (progressive president Helen will need to exercise at approximately 60% of her MHR (103 bpm) to begin with as the is a beginner, and are the progressor she should aim for 75-80% of her MMR (120-138 bgm) Another training method which - sur wountries at gu lolind of lossy and training could be fartled training. In this way Heles can way the intentity from walking - jegging - running, instead of exercising at a continuous Intensity. This training method is suitable for her as a beginner and to also relevant to her goals. Helen could even train to doublop her

ruscle tone with very light resistance
training. Fixed resistance machines would be
a safer option for her as a beginner of there
is a gruided range of novement/notion. She
would read to perform high repr with a low
weight (eg. 30 reps and \$23 sets), in order to
concorne tarigae. This may be ruitable
because the rise and number of mitamendan
will increase, which means that her acrobic
staining will be more effective lonergy from
aerobit respiration is from mitachendria).
Helen could also indestable core stability
eraining such as your and pilater. Those
evercises show to have positive effects on
Social, newal and physical wellbeing
(union is a part of the individuals goals).
Yoga incorporates breaking techniques
which night herp relieve Helena's chest
pains Circuit training may be an excellent
way to improve Helpo's fitness lovels and
burn fat This may be useful in the
Em week of her training after she has
progressed in Estress beforehand, using the
other training methods mentioned
(Total for Activity 4 = 8 marks)

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	0	1-2	3-4	5-6	7-8
methods	No rewardable material	The proposed training methods are generic, with limited relevance to the individual's training requirements. Justification for proposed methods is attempted however, is not always relevant to the individual's training needs.	The proposed training	The proposed training methods demonstrate relevance to the individual's training requirements. 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. 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.

This response has gained 6 out of 6 marks.

5 D	esign	weeks 1, 3 and 6 of a 6-weel	k fitness training programme fo	or Helen Jones. (6)
	Sunday	Rest	Kest	Rast
	Saturday	Sey.	pest	yoga class 30mms
	Friday	welle te		Step, but Step, bus home to make drive home yogan step, bus home tone stephies covering coversions from cove stephies coversions from cove stephies plants to cove stephies from cove stephies coversions from coversions from the street of the
	Thursday	Rest Dive to work		tolke bus well home drive home home drive home steibults = 2 miles drive home steibults core steibults onin grassing - dolphin = Plank min missing on - dolphin = Plank min missing on - lokust min steetu - lokust min ste
	Wednesday	3000 30 30 30 30 30 30 30 30 30 30 30 30	Augustanos (take bus home core stabilita plantesosuco do pinsus - to cust
	Tuesday	12 25 25 25 25 25 25 25 25 25 25 25 25 25	15 TO 30 TO	Luckle te kurker bur Strp, bur home Core Stebilitz - delphun - bleet phun - chol phu
	Monday	WOULL TO WOULL TO SHE!	20 mus work y-continuous a so / M+1K (max heart max heart	walk to but step, but show
Week 1		Physical Would to Step Works of Step Would s	2003	Dayle to walk to the bull step, bus he step, bus home core sterbility of the plants home core sterbility of the plants of the plants of the plants of the sterbility of

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday	
Physical activity Cucke to Contament	weak to walk	B	Coulte Les	Welly to	45 min		
200%. matk			60% HK		-6 60".	K 3	
3	SOMU NU	30 mm		26213 040			- 1
Schutter Schutter	¥ ¥	Sommer Rest		interved training training	active +		
				& SS Fitter		pest	
			A CASE	J. W.W.			
Cycle home	4 1	25	OGO / WHY	Lik resistance 3 sets 20 cps Modum			
\$ \$ J	See See	30xec at each 3 circuits	Stocker Linus weight	Detoral - bicepi		Rest	
-breef	Actions Fraging Fragin Fraging Fraging Fraging Fraging Fraging Fraging Fraging Fraging		delteras, back	- triceps	J. S. Mus		
	-						

Sunday	To all	pest	Rest
Saturday	Somen Cycle to Colle to Somen were a Somen no seek not the continued of Similar and the continued of Similar and the continued of Similar and seek not the continued of Similar and seek not the continued of Similar and seek not the seek not	pilates Clasi 45mms	p assive 4 steathers Streetoury quadriteps nonestrings claborde 1012 for 30seconde
Friday	Code to	Skeipping pi lates 4 rounds Clasi of 2mins 45mu	State of Sta
Thursday	Cycle to	Schools Indepress Fraunius Bile nde	Circuites 8 steation 30sec at each steation 3 circuits 1 hour
Wednesday	Secretary Secret	Z Z	Sternee Fortler C Macounies (DES'/ No. 25 mps 17 mt, Jose, Orch, Jose, Machine (45 mins)
Tuesday	Cycle to	pregemetric (adders,) umpurz nedzewe beut, bereky Nurekets Scrurs Scrurs	Corym Residence 3 seus 3 serps 1 bench 1 eg curt 1 bitapiur
Monday	Sucreta Sucreta Sesmith	4099 4083 30mins	Weathernest home home the same of bs/ must have be so with the must have be so with the same of the sa
Week 6	Physical activity	Lusoy	2,5
		(Total for	Activity 5 = 6 marks)

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	0	1-2	3-4	5-6
training programme	No rewardable material	The training programme is generic, with limited relevance to the fitness requirements of the individual. Certain requirements may be omitted. 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. 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. 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.

(14)

The terining engranma which I have designed for
Helen is specific to her requirements as a beginner
who has high health monitoring tell results and
onest point. The programme ensured this by
the incorporating the SMARTER principle, the
FITT principle and the SPORVATER principle also.
To order for her goods to be rescued I made sure
the programme is specific as it is suitably designed
to the individual (as mentioned about). The
design is masserable when mount that results will
be easily seen. It is achievable for Helena to reach
ner gods and so it is also realistic for than
to happen the programme is also time chased
with a deadine of a 6 week period. Even
though it is achievable and replietie, it is still
exciting for the individual, which helps Helen
become nichwated and engaged. The Seal Can
be recorded because the training can be
written down and tracued.
The FITT principle was been successfully
applied to the training programme because the
fearency in meals 1 is suitable for a
laggioner (4 rest days) and gradually encreases
The state of the s

to 3 rest days or week 3 and only 2 rest days in week 6. This means that the amount of days in the microcycle (week) that The trains increases. The intensity increases gradually as well as the frequency. I have done that by increasing her time of her warm us by 5 min every 3 weeks, increased the proceedage WHR at which she should taget to tain at and also increased the time at union she has to maintain that been rute. The man that the effort that she has to enped increases after each microcyde. I have also added the arrount of times that she contributes in physical activity for each day. For example in week 1 she world out for 1-2 do times a day wheres in week 6 the works out 3 terms a day (excluding rest days). The type of training is suitable for the individual and is appropriate GAN for the desired outcome of the training itself. In this case it is aerobic continuous training with elements of yoga in wook 6. This will allow Helesa to reach her goals.

Specificity has been applied because as mentioned, no programme is obsigned only for Helenas Helen's specific reads and goals. The training gradually gots harder when means Helen is making progression throughout the progressme. which predominantly brings her gradually closer to her goods being reached Overload has been successfully inconforated into the training programme because of the France crequency, intensity and time has increased. This moons that me individuals body has been pushed to work norder man what it's used to leversibility should not be on issue within Helenou Helen's progress because I have apposed sociation asst to the programe. This nears that the ordy overcomes the adaptation (weeps in guesting) and will not allow the body to make training easier for itself; potentially reverse the progress. This also suggests that Helen will not experience tedium (boredom) because the programme charges each weak. for example, yaga is applied in

wreck 6 and a variety of exerciexercises are dictated e.g. rowing, curring, swimming and x-tainer. Individual training needs have been met because of her modical conditions (chest pain) have been considered and that's why the week 1 and 3 are light National quidelines for physical activity have also been net. The first feature of the programme is that it contains an appearance amount of rest and recovery. This mears Helon will have enough physiological and psychological cest. She will be mentally prepared to train after her test of days and also be physically proposed. This is becomes the microteous in her sheletal muscles will have regained in the cuice of the protein from her new healthy and balanced diet. The individual should successfully next her goals and with all the lifestyle changes the has established; she may now the dector again to see her improved wealth monitoring results. (Total for Activity 6 = 14 r (Total for Activity 6 = 14 marks)

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
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Assessment focus	Band 0	Band 1	Band 2	Band 3	Band 4
Provide a	0	1-4	5-7	8-10	11-14
justification for the training programme that has been produced for an individual	No rewardable material	The justification demonstrates a limited understanding of the principles of fitness training. 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. 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. 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. 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.

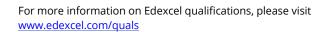
There was a considerable number of learners that did not include any principles of fitness training when it came to their justification. Learners spoke about their fitness training programme but only in terms of what they had included for each of the 3 weeks, making their justification show a limited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