



BTEC

Getting Ready to Teach: Delivering the BTEC RQF Level 3 National in Applied Human Biology in 2020

Pearson



PRE-SET QUESTIONS TO SEND PRIOR TO EVENT

- Who are you and what is your role within your Centre?
- What type of Centre are you from?
- What is your experience (if any) with BTEC and the BTEC Level 3 Nationals in Applied Science and/or Applied Human Biology?
- Where are learners expected to progress on completion of their BTEC Level 3 National in Applied Human Biology?
- What would **you** like to learn from the Getting Ready to Teach event?

2 Getting Ready to Teach BTEC RQF L3 National Extended Certificate in Applied Human Biology Pearson

PRE-SET QUESTIONS TO SEND PRIOR TO EVENT

1. In the BTEC RQF Level 3 National Extended Certificate in Applied Human Biology, how many units are **externally** assessed?
2. What is the weighting of the externally assessed units as a percentage of the BTEC RQF Level 3 National Extended Certificate in Applied Human Biology qualification as a whole?
3. Which of the externally assessed units are synoptic and draw upon the knowledge, skills and experiences gained in other units?
4. How many optional units must be completed for the Level 3 Extended Certificate?

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Aims for the session

- Explore the structures, content and assessment
- Plan curriculum delivery
- Discuss, share and be given teaching and learning ideas
- Preparing for internally assessed units, looking at Authorised Assignment Briefs, and how to assess learners work holistically
- Preparing for the externally assessed units

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Key terms

Quality Nominee (QN) – overall control of standards within the Centre. Pearson's first point of contact with your Centre.

Lead Internal Verifier (LIV) – maintains standards within the qualification.

Internal Verifier (IV) – verifies assignment briefs and assessment decisions based on standards training from LIV.

Assessor – assesses the student work, writes assignment briefs and delivers the teaching and learning.

Standards Verifier (SV) – external - works with you on assessment planning, assignment briefs, and checks learner's work to ensure that national standards are being met.

Lead Standards Verifier (LSV) – external - a single point of contact, offering support for standards verification for your organisation all year round.

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Qualification structure

Pearson BTEC Level 3 National Extended Certificate in Applied Human Biology				
Unit number	Unit title	GLH	Type	How assessed
Mandatory units – learners complete and achieve all units				
1	Principles of Applied Human Biology	90	Mandatory	External
2	Practical Microbiology and Infectious Diseases	90	Mandatory	Internal
3	Human Biology and Health Issues	120	Mandatory and Synoptic	External
Optional units – learners complete one unit				
4	Functional Physiology	60	Optional	Internal
5	Diseases, Disorders, Treatments and Therapies	60	Optional	Internal
6	Genetics and Genetic Engineering	60	Optional	Internal
7	Biomedical Science	60	Optional	Internal
8	Human Reproduction and Fertility	60	Optional	Internal

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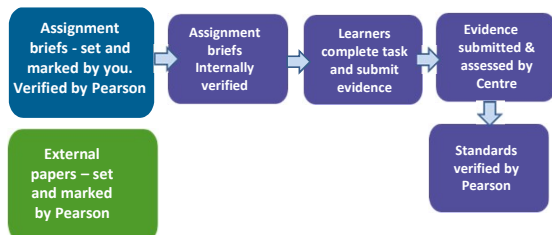
External Assessment

Summary of the type and availability of external assessments

Unit	Type	Availability
Unit 1: Principles of Applied Human Biology	- Written examination set and marked by Pearson. 1.5 hours. 80 marks.	Jan and May/June First assessment May/June 2019
Unit 3: Human Biology and Health Issues	- A task set and marked by Pearson and completed under supervised conditions. - The supervised assessment period is 3 hours and must be completed in one sitting on a day timetabled by Pearson. 60 marks.	Jan and May/June First assessment May/June 2020

Introduction to assessment

BTEC RQF qualifications use a combination of assessment methods that give learners the opportunity to **demonstrate** and **apply** their knowledge and skills in vocational contexts.



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Synoptic assessment

Synoptic assessment requires learners to draw together skills, practical techniques, concepts, theories and knowledge.

Unit 3, Human Biology and Health Issues is the synoptic component of this course. Unit 3 requires learners to interpret, analyse and evaluate scientific information related to health issues and initiatives and explore the presentation of this information for a defined purpose and audience. They must apply the knowledge, skills and understanding gained through the study of units 1 and 2 of the programme.

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Induction to BTEC Applied Human Biology

Centres are encouraged to timetable a period of induction for learners at the start of the programme. This should include information on topics such as:

- assessment methods
- assessment planning
- importance of command words
- working to meet deadlines
- consequences of not meeting deadlines
- referencing work
- importance of authenticity of learner work

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Tips for planning your delivery

Points to consider:

- the order in which you teach the units, practical skills or topics to ensure that they build on each other
- giving learners sufficient time to acquire the skills, knowledge and practice prior to taking an internal or external assessment
- ensuring that the synoptic external assessment is taken towards the end of the course
- preparing learners for the external assessment (and re-sits)
- staffing specialisms
- managing learner workloads

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BTEC Assessment Plan

BTEC Assessment Plan											
BTEC RQF LEVEL 3 EXTENDED CERTIFICATE IN APPLIED HUMAN BIOLOGY											
											
Programme Title	Unit or Component No. & Title	Assignment Title	Targeted Learning Area or Assessment Objective	Internal Verification of Assignment Brief Date	Assignment Hand Out Date	Assessment Held at Date or Internal Assessment Date	Internal Verification of Assessment Date	Planned Submission Date*	Internal Verification of Submission Date	Assessor Name	Internal Verifier Name
Year 1											
Unit 1: Principles of Applied Human Biology	Externally assessed	Assessment objectives 1, 2, 3, 4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Unit 2: Practical Pathology and Pathogenesis	Assessment objectives 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000										
Unit 3: Diet, Nutrition & Health	Externally assessed	Assessment objectives 1, 2, 3, 4	NA	NA	NA	NA	NA	NA	NA	NA	NA
Year 2											
Unit 4: Biotechnology	Externally assessed	Assessment objectives 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000									
Lead internal verifier's signature											
A. Jones											
Date											
20th August 2019											
*Lead internal verifier must confirm any re-assessments. This must be held for one year after the final deadline for an agreed assessment deadline and published exam work. The re-assessment date must be within 10 working days of the learner receiving the results of assessment which must be within a timely period for any assessment taking place.											

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Key points: Assignment briefs

- Assignment tasks must cover all assessment criteria within a Learning Aim. Tasks must be holistic in nature and must not be split into separate tasks that target Pass, Merit and Distinction criteria. Individual grading criterion must not be highlighted against the tasks. Pearson's Authorised Assignment Briefs (AABs) can be used as published or as a guide to writing Centre-designed assignments.
- All assignment briefs, including Pearson authorised assignments must be internally verified and the outcome documented.

Link to AABs: <https://qualifications.pearson.com/en/qualifications/btec-nationals/applied-human-biology/coursematerials.html#filterQuery=Pearson-UK:Category%2FInternal-assessments>



Internal Assessment: Unit 2

Activity 1

Please refer to the **Unit 2** specification in your packs (Practical Microbiology and Infectious Diseases).

Consider the following discussion points:

1. How might you plan assessment of C.P5 and C.P6?

Think about:

- preparation – teaching & learning
- assessment methods
- requirements of the assessment guidance

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Internal assessment – teacher guidance

Essential information for assessment decisions

Throughout this unit it is expected that learners will be made aware of the health and safety regulations relating to working with microorganisms. They will demonstrate adherence to safety procedures, including the use and writing (where appropriate) of suitable risk assessments.

For learning aim D, learners should be made aware of the level of demand at each standard to enable them to plan and carry out an investigation that will meet the criteria fully.

'Antimicrobial agents' can be taken to mean any substance that will kill or stop the growth of microorganisms. Care must be taken when considering the choice of investigation to ensure that the method used gives enough scope for statistical analysis and evaluation, particularly at distinction level.

To complete the practical assessment investigation in learning aim D, learners will draw on content from across the programme.

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Key points: Resubmission opportunities

Only one resubmission of evidence is allowed; this must be submitted within **15 working days** of the learner receiving feedback from the Assessor. The 15 working days must be within term time, in the same academic year as the original submission and must not fall over a holiday period.

Resubmissions can only be authorised by the LIV if:

- The learner has met the initial hand-in deadline
- The evidence submitted is signed, dated and can be certified as authentic
- The Assessor judges that the learner will be able to improve the evidence **without the provision of further guidance**
- If the learner has not met these conditions, the LIV **must not** authorise resubmission
- All resubmissions must be properly documented

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Internal Assessment: Authorised Assignment Briefs (AAB)

Activity 2

In your group, please refer to the Authorised Assignment Brief for Unit 6, Genetics & Genetic Engineering, Learning Aim A.

Consider the following discussion points in relation to grading criterion A.P1, '**Explain the structure and function of DNA and various nucleic acids**'.

1. What alternatives to a written report could be used?
2. Identify one other useful source of information for this task.

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Observation records/Witness statements

Assessors may choose to complete an **Observation Record** or **Witness Statement** where practical activities are being assessed.

However, these alone do not confer an assessment decision, the evidence presented by the learner, in whatever format, must be accompanied by sufficient, valid and authentic evidence. This may take the form of visual aids, video/audio tapes, CDs, photographs, handouts, preparation notes, cue cards, diary record or log book etc.

The evidence presented must be in a format that enables internal and external verifiers to read/view/hear the evidence produced in order to make a judgement on the accuracy of the Assessor's decisions.



Holistic Marking

The assessment criteria for each of the units are hierarchical and holistic e.g. if the Distinction criterion requires the learner to 'assess', the Merit requires a 'discussion' and the related Pass criterion requires the learner to 'explain', then to satisfy the Distinction criterion a learner will need to cover 'assess' 'discuss' and 'explain' to achieve the Distinction.

Assessment criteria

Pass	Merit	Distinction
Learning aim A: Understand the structure and function of nucleic acids in order to describe gene expression and the process of protein synthesis		
A.P1 Explain the structure and function of DNA and various nucleic acids.	A.M1 Discuss the functional role of nucleic acids in DNA in the stages of protein synthesis.	A.D1 Assess the impact of error in the stages of protein synthesis.

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Assessment for Internal Units

- The Assessor must **not** provide specific assessment feedback on the evidence produced or confirm achievement of specific criteria before it is submitted for assessment.
- The Assessor must **not** provide feedback or guidance on how to improve the evidence to achieve higher grades.
- The final assessment decision will be based on the assessment criteria achieved by the learner

Learner feedback rules apply, please refer to the BTEC Centre Guide to Internal Assessment:

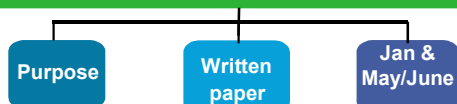
https://qualifications.pearson.com/content/dam/pdf/Support/Quality%20Assurance/BTEC-Centre-Guide-to-Internal-Assessment_2018_19_final_v1.2.pdf

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External assessment

Unit 1: Principles of Applied Human Biology



- Written paper – 1.5 hours.
- 80 marks available.
- Mix of multiple choice, calculations, short answer & open response questions

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Externally-assessed units

Activity 3

A 6 mark question in the external paper stated:
*The human immunodeficiency virus (HIV) is transmitted through the exchange of body fluids. The virus enters T-helper cells. Learners were then asked to: **Explain how infection with HIV leads to immunodeficiency.***

- What are the key assessment considerations?
- How might learners score all 6 marks?

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Top Tips

Activity 4

In pairs, or a small group, list six specific 'top tips' that will help to ensure that learners have the best chance of success when undertaking the external assessment for Unit 1

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Top Tips – Preparing for External Exam - Unit 1

To prepare for the external exam, learners should:

- make use of sample assessment materials
- read questions carefully
- understand and address command verbs
- pay attention to units and unit conversions
- link explanations to statements

Top Tips – Preparing for External Exam - Unit 1

- always show working in calculations; this scores marks even when the final answer is incorrect
- use scientific terminology, correctly spell key terms
- Practice describing graphs/trends
- consider the total marks available for each question and tailor responses accordingly
- attempt all questions

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What's the grade?

Activity 4

Individually, please refer to the learner work submitted for Learning Aim A of Unit 2, the associated specification and assignment brief.

Questions:

- Has the learner provided sufficient evidence to meet the requirements of A.P1, A.P2, B.P3 and B.P4?
- Give an example of the feedback that you could provide to the learner.

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Internal Unit Grading

In order to achieve a:

Level 3 Distinction – learners must achieve **all** Distinction, Merit and Pass criteria for the Unit

Level 3 Merit – learners must achieve **all** Merit and Pass criteria for the Unit

Level 3 Pass – learners must achieve **all** Pass criteria for the Unit

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Calculation of qualification grade - internal

Points available for internal units

The table below shows the number of points available for internal units. For each internal unit, points are allocated depending on the grade awarded.

	Unit size	
	60 GLH	90 GLH
U	0	0
Pass	6	9
Merit	10	15
Distinction	16	24

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Calculation of qualification grade - external

Points available for external units

Raw marks from the external units will be awarded points based on performance in the assessment. The table below shows the minimum number of points available for each grade in the external units.

	Unit size	
	90 GLH	120 GLH
U	0	0
Near Pass	6	8
Pass	9	12
Merit	15	20
Distinction	24	32

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Final Grade calculation

Calculation of qualification grade

Applicable for registration from 1 September 2018.

Certificate		Extended Certificate	
180 GLH		360 GLH	
Grade	Points threshold	Grade	Points threshold
U	0	U	0
Pass	10	P	36
Merit	26	M	52
Distinction	42	D	74
Distinction*	48	D*	90

The table is subject to review over the lifetime of the qualification. The most up-to-date version will be issued on our website.

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Qualification Grade

Activity 5

A learner has completed the BTEC Level 3 National **Extended Certificate** in Applied Human Biology (360 GLH). This is what they achieved for each unit:

Unit 1 (external) - 90 GLH – **Merit**

Unit 2 (internal) - 90 GLH – **Distinction**

Unit 3 (external) – 120 GLH - **Pass**

Unit 4 (internal) – 60 GLH - **Merit**

Calculate the learner's overall qualification grade.



Support for planning and teaching

Plan

- Specifications
- Sample Assessment Materials
- Statement of Purpose
- Schemes of Work
- Mapping documents
- Course Planners
- Get Ready to Teach events

Teach

- Delivery Guide
- Assessment Tracking
- Mapping documents
- Internal Assessment Guides
- Sample Marked Learner Work

Assess/Track

- Authorised Briefs
- Past papers & mark schemes
- Templates and tools
- myBTEC
- Quality Assurance Guides
- Assessment and Assignment Writing
- Standards Verifier and quality review

Pearson paid-for resources and other publishers' resources that are endorsed for BTEC are not a pre-requisite for the delivery of Pearson's specifications.

Paid-for resources may also be available from other publishers.

Paid for

Student Book and Teaching Pack

- Teaching resources available in a downloadable pack.
- Content based on lessons in the free schemes of work.
- For each lesson, of each component, an editable worksheet and PPT slides are provided.

Paid for

- Training courses



myBTEC

What:

- Online services providing an easier way to manage delivery and assessment.
- Support for the whole teaching and assessment team in one place.
- Help with creating assignments and grade tracking.
- Free for all BTEC centres.



Where:

Edexcel Online - myBTEC.pearson.com

Or access from Pearson Qualifications website: quals.pearson.com/mybtcc



Your Subject Advisor - Science



UK: 0344 463 2934



Irine Muhiuddin



TeachingScience@pearson.com



[@PearsonSciences](https://twitter.com/PearsonSciences)

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Q & A

Any questions?

Please complete the evaluation form included in your pack before you leave today.

You will also be emailed a link to the evaluation form after the event today if you haven't had time to complete it. You can also access it here:

<https://tinyurl.com/BTEC-evaluation>

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