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| **ASSESSMENT RECORD SHEET** | | | | |
| **Programme** | | Pearson BTEC Level 3 National Extended Diploma in Applied Science | **Learner name** | You |
| **Assignment title** | | The Sun and its family | **Assessor name** | Dimitrios Theodorakis |
| **Unit no. & title** | | **16A**: Understand the fundamental aspects of the Solar System | **Targeted learning aims/assessment criteria** | P1, M1, D1 |
| **First Submission** | | | | |
| **Deadline** | | 14/01/2021 | **Date submitted** | 14/01/2021 |
|  | | | **Has an extension to the deadline been approved by the Assessor due to extenuating circumstances?** | N |
| **Targeted criteria** | **Criteria achieved** | **Assessment comments** | | |
| **A.D1** | Y | You have explained in detail, the natural forces allowing the Sun to remain in equilibrium and the eventual outcome when these forces change in terms of their expected life cycle, with the ultimate effects on the Solar System. There is an explanation of the process of nuclear fusion, detailing the magnetic forces and features on the surface of the Sun and their associated effects. Work includes an explanation of the composition of the Sun, with suitable illustrations, identifying the gases involved and the layered structure. | | |
| **A.M1** | Y | You have worked independently to produce descriptions of the main features in the Solar System. Including details of planetary axes of rotation, composition of planets, moons, asteroids, comets and meteors, planetary ring system labels, Van Allen radiation belts, surface features on chosen planets and moons. | | |
| **A.P1** | Y | You have described the main features of the Solar System. This includes the structure, the forces involved, orbital characteristics, rotation, atmospheric compositions and physical data. The relationship of the Earth with the Moon and the Sun by including diagrammatic representation of the particular aspects that occur as a result of interactions on a regular basis, such as day and night, phases of the Moon, eclipses of the Sun and the Moon, tidal effects on the Earth. There is a description of all the known planets,  prominent moons, asteroids, comets and other associated features such as the Kuiper belt and Oort cloud. | | |
| **General comments** | | | | |
| An excellent piece of work well researched. Suitable sources have been used. Diagrams have been used appropriately to help explain processes.  A1A2A3A4 | | | | |
| **Learner Declaration** | | I certify that the evidence submitted for this assignment is my own. I have clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. | | |
| **Learner signature** | |  | **Date** |  |
| **Assessor declaration** | | I certify that the evidence submitted for this assignment is the learner’s own. The learner has clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. | | |
| **Assessor signature** | | Dimitrios Theodorakis | **Date** | 14/01/2021 |
|  | | | **Date of feedback to learner** |  |
| **Resubmission authorisation**  by Lead Internal Verifier**\*** | |  | **Date** |  |
| \* All resubmissions must be authorised by the **Lead Internal Verifier**. Only **one** resubmission is possible per assignment, providing:   * The learner has met initial deadlines set in the assignment, or has met an agreed deadline extension. * The tutor considers that the learner will be able to provide improved evidence without further guidance. * Evidence submitted for assessment has been authenticated and accompanied by a signed and dated declaration of authenticity by the learner.   \*\*Any resubmission evidence **must** be submitted within 15 working days of learners receiving assessment feedback | | | | |

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| **Resubmission** | | | | |
| **Deadline** | |  | **Date submitted** |  |
| **Targeted criteria** | **Criteria achieved** | **Assessment comments** | | |
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| **General comments** | | | | |
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| **Learner Declaration** | | I certify that the evidence submitted for this assignment is my own. I have clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. | | |
| **Learner signature** | |  | **Date** |  |
| **Assessor declaration** | | I certify that the evidence submitted for this assignment is the learner’s own. The learner has clearly referenced any sources used in the work. I understand that false declaration is a form of malpractice. | | |
| **Assessor signature** | |  | **Date** |  |
|  | | | **Date of feedback to learner** |  |

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| **ASSESSMENT RECORD SHEET** | | | | |
| **Programme** | |  | **Learner name** |  |
| **Assignment title** | |  | **Assessor name** |  |
| **Unit no. & title** | |  | **Targeted learning aims/assessment criteria** |  |
| **Retake** | | | | |
| **Deadline** | |  | **Date submitted** |  |
| **Targeted Pass criteria** | **Criteria achieved** | **Assessment comments** | | |
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|  | | | **Date of feedback to learner** |  |