**D&T Technician**

**Including Product Design/Food/Textiles/Art**

**Grade 5**

**Statement of Purpose**

To work under the direction and instruction of senior staff to provide general technical support to the DT and Art department.

**Support to the Classroom**

* Provision of support services to the teaching staff in organising requirements for their work.
* Preparation of materials to exact specification from stock as directed and clearing away

equipment. This entails the use of metal cutting, milling, turning machines and wood conversion machines (planer/thicknesser, circular saw, bandsaw, sewing machines, cookers and kiln).

* Assistance to teaching staff with demonstration lessons and practicals.
* Oversight of specialised teaching areas, stores and/or preparation rooms and arrangements for maintenance and repair services to equipment and working surfaces.
* Assisting in the maintenance of safety standards in the departments*.*

**Support to the Pupils**

* Assist in development of lesson/work plans.
* Administration of coursework/work sheets etc.
* Contribute to the planning, development and organisation of systems/procedures/policies.
* Undertake marking of pupils work with specialist area and accurately record achievement

progress.

Administer and assess routine tests and invigilate exams/tests.

**Administration**

* Maintenance of stock and breakage records, catalogues and user manuals.
* Ordering, receiving and accounting for new stock and equipment.
* To support the Curriculum Lead with the annual review of department Risk Assessments.
* To ensure all equipment is accounted for and stored securely, and the health and safety of the machinery is monitored.

**Resources**

* Assist with the development of resources by:
  + making of models and fixtures;
  + the design and making of the jig, fixtures, racks, tool trays.
* Operation of audio-visual equipment and arrangement for appropriate maintenance and servicing.
* Prepare and make teaching aids as required working on own initiative.
* Design and construction of apparatus.

**Health, Safety and Security**

* Tool Maintenance - familiarisation with competence in:
  + Sharpening techniques for edge and point cutting and marking tools e.g. wood planes, chisels, twist drills, scribes etc.
  + Routine maintenance of hand and machine tools, including adjustment for wear and tear.

**Support to School** (this list is not exhaustive and should reflect the ethos of the school)

* Promote and safeguard the welfare of children and young persons you are responsible for or come into contact with.
* Be aware of and comply with policies and procedures relating to child protection, health, safety and security, confidentiality and data protection, reporting all concerns to an appropriate person.
* Be aware of, support and ensure equal opportunities for all.
* Contribute to the overall ethos/work/aims of the school.
* Appreciate and support the role of other professionals.
* Attend and participate in relevant meetings as required.
* Participate in training and other learning activities and performance development as required.
* Assist with pupil needs as appropriate during the school day.
* First aid training

***Note 1:***

***The content of this job description will be reviewed with the post holder on an annual basis in line with the School’s performance and development review policy. Any significant change in level of accountability that could result in a change to the grade must be discussed with the post holder and the relevant trade union before submitting for re-evaluation.***

**Person Specification**

**D&T Technician (Teaching and Learning)**

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| **Essential Criteria** | **Measured By** |
| **Experience**   * Experience in a related discipline. * Working with or caring for children of a certain age. * Experience with machines and woodworks | AF/I |
| **Qualifications/Training**   * Good numeracy and literacy skills. * NVQ3 in Laboratory and Associated Technical Activities (LATA) * Educational or NVQ2 School Support Staff or other appropriate equivalent qualification or experience. | I |
| **Knowledge/Skills**   * Good standard of practical knowledge * Good understanding and ability to use relevant equipment/   technology.   * Ability to work constructively as part of a team. * Ability to relate well to children and to adults. * A commitment to own personal development. * An excellent standard of practical knowledge. * A working knowledge of relevant equipment. * Full working knowledge of relevant policies/codes of practice. * An understanding of curriculum development, planning, evaluation and implementation. * In depth understanding of specific area of learning e.g. Design. * Understand the principles of child development and learning   processes.   * Good organising, planning and prioritising skills. * Methodical with a good attention to detail. | AF/I |
| **Behavioural Attributes**   * Customer focused. * Has a friendly yet professional and respectful approach which   demonstrates support and shows mutual respect.   * Open, honest and an active listener. * Takes responsibility and accountability. * Committed to the needs of the pupils, parents and other   stakeholders and challenge barriers and blocks to providing an effective service.   * Demonstrates a “can do” attitude including suggesting solutions, participating, trusting and encouraging others and achieving expectations. * Is committed to the provision and improvement of quality service provision. * Is adaptable to change/embraces and welcomes change. * Acts with pace and urgency being energetic, enthusiastic and decisive. * Communicates effectively. * Has the ability to learn from experiences and challenges. * Is committed to the continuous development of self and others by keeping up to date and sharing knowledge, encouraging new ideas, seeking new opportunities and challenges, open to ideas and developing new skills. | AF/I |
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AF - Application form I - Interview

***Note 1:***

***In addition to the ability to perform the duties of the post, issues relating to safeguarding and promoting the welfare of children will need to be demonstrated these will include:***

* ***Motivation to work with children and young people.***
* ***Ability to form and maintain appropriate relationships and personal boundaries with children and young people.***
* ***Emotional resilience in working with challenging behaviour***