An Daras Multi Academy Trust

Assessing Pupil Progress – Computing (Y4)

Integrated Curriculum Scheme of Learning - 2016	
Document:	**ADMAT Assessing Pupil Progress (APP)**
National Curriculum Subjects:	**Computing**
Year Group:	**Year 4**
Agreed and Approved:	**Sept 2016**
Leader Review Date:	**Sept 2017**
Related Documents and Guidance:	National Curriculum 14/15 Dimensions Skill Ladders 14 Computing Scheme of Learning 15 Non-Negotiable 14 Progression Frameworks for Computing Computing Policy 15

Stage 1	•Curriculum Scheme of Work •Assessment Process/Policy	• Reviewed annually • Curriculum Policy • DfE Guidance • Pupil Outcomes
Stage 2	•Planned Units of Work •Integrated Cross Curricular Assessment Opportunities	• Reviewed Termly • Cross Curricular evidence
Stage 3	•AfL - Daily/weekly •APP - Half termly	• Marking • Rich Evidence • Standardisation Tasks
Stage 4	•Formative and diagnostic assessment - Ongoing •Summative assessment - Half termly/termly	• Analysis • I Track • 85% on track ARE
Stage 5	•Moderation - Half Termly/termly •Standardisation - Half termly/termly	• Within school • Across MAT • Practical exemplars
Stage 6	•Pupil Voice - Half termly •Tracking Analysis - Cohort/Significant groups - Half termly	• Within school • Across MAT • Practical Exemplar • Feeds into planned units of work
Stage 1	•Curriculum Scheme of Work •Assessment Process/Policy	• Reviewed annually • Curriculum Policy • DfE Guidance • Pupil Outcomes

ADMAT/ARE Year 4 Computing	Pupil Name: Class Teacher:	**Term 1** We are Software Developers – **Developing a simple educational game** We are Toy Designers – **Prototyping and interactive toy** **Assessment:** **Aut1:** **Aut2:**	**Term 2** **We are Musicians – Producing digital music** We are HTML Editors – **Editing and writing HTML** **Assessment:** **Sp1:** **Sp2:**	**Term 3** We are Co-authors – **Producing a wiki** We are Meteorologists – **Presenting the weather** **Assessment:** **Sum1:** **Sum2:**	Are Related Expectation Key: **NE** = Not Enough Evidence **EM** = Emerging **TI** = Towards Independence **EXP** = Expected **EXP+** = Expected Plus **EXC** = Exceeding

A/Computer Science				B/Information Technology				C/Digital Literacy			
A1. Design, write and debug programs that accomplish specific goals.				**B1. Select, use and combine a variety of software (including internet services) on a range of digital devices.**				**C1. Use technology safely, respectfully and responsibly.**			
EM 1	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**
A2. Controlling or simulating physical systems.				**B2. Design and create a range of programs, systems and content that accomplish given goals.**				**C2. Recognise acceptable/unacceptable behaviour.**			
EM 1	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**
A3. Solve problems by decomposing them into smaller Parts.				**B3. Collecting, analysing, evaluating and presenting data and information.**				**C3. Know a range of ways to report concerns and inappropriate behaviour.**			
EM 1	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**
A4. Use sequence, selection and repetition in programs; work with variables.				**B4. Use search technologies effectively.**				**C4. Be discerning in evaluating digital content.**			
EM 1	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**
A5. Work with various forms of input and output,				**B5. Appreciate how search results are selected and ranked.** **SOC Unit 4.6**				**C5. Understand the opportunities networks offer for communication and collaboration.** **SOC Unit 4.5**			
EM 1	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**	**EM 1**	**TI 2**	**EXP 3**	**EXC 4**
A6. Use logical reasoning to explain how some simple algorithms work.											

EM 1	**TI 2**	**EXP 3**	**EXC 4**								
A7. Use logical reasoning to detect and correct errors in algorithms and programs.											
EM 1	**TI 2**	**EXP 3**	**EXC 4**								
A8. Understand computer networks including the internet.											
EM 1	**TI 2**	**EXP 3**	**EXC 4**								
A9. Understand how networks can provide multiple services, such as the world wide web.											
EM 1	**TI 2**	**EXP 3**	**EXC 4**								