National Curriculum expectations and progression of skills development EYFS End of Y1 End of Y2 End of Y3 End of Y4 End of Y5	End of Y6
	Elia di 10
Design They safely use and explore a variety of materials, tooks and the colour, design, took to colour materials, tooks and function. Children use what they have learns about media and materials in Original tooks and the colour products. Children use what they have learns about media and materials in Original to the colour products against other than the colour design and explored to perform practical tasks. Select from and use a wide range of tooks and comproments, including construction materials, tooks and the colour products and the colour design and technology and the colour design and t	ed sketches, cross-sectional asks accurately. of others. elex structures. cuits incorporating switches, cowing techniques. rown, reared, caught and • Keep cost constraints in mind when selecting materials in design • Use their knowledge of -e.g science and art when designing • Be aware of commercial aspects and incorporate these into their designs • Design including hydraulics and pneumatics when where appropriate • Draw scaled diagrams with increasing use of

Make	Now the features of some familiar products Join two materials together, often with glue Use scissors or a knife to cut, sometimes with help Make simple models, not necessarily with a purpose Use simple construction kits – e.g. Lego Know about basic hygiene and safety	Begin to select tools for folding, joining, rolling Measure out and cut fabric Use a simple template for cutting out Practise skills before using them Use simple finishing techniques Select tools and techniques appropriate to the job Follow basic safety rules Understand and use the terms ingredient and component Use simple scales or balances Understand main rules of food hygiene	Measure and cut out using centimetres and weigh in grams Choose tools and equipment which are appropriate for the job Prepare for work by assembling components together before joining Use scoring and folding for precision Make holes using a punch and drill Work out how to make models stronger Alter and adapt materials to make them stronger Combine a number of components together in different ways Make the finished product neat and tidy Begin to select their own ingredients when cooking or baking Make good presentation of food	Increasingly model their ideas before making Measure accurately to centimetres and grams Combine materials for strength and to improve how the product looks Use permanent and temporary fastenings to join Join with a greater range of techniques – e.g. staples Strengthen joins and corners in a variety of ways Understand how wheels, axles, turning mechanisms, hinges and levers all work together	Carry out tests to see if their design works Make improvements from design suggestions Work in a safe and hygienic way Measure and cut precisely to millimetres Make stable and strong joins to stand the test of time Use proportions when cooking, by doubling and halving recipes	Measure and cut out in precise detail, and make sure that finished products are carefully finished Make separate elements of a model before combining into the finished article Understand how an article might be mass produced Produce a simple instruction manual or handbook for their product
Product and evaluation	Recognise the characteristics of familiar products Know how some moving objects work Use simple terms to talk about their own and others' work Identify materials and mechanisms in familiar products Know the benefits of fruit and vegetables	Talk about how moving objects work Describe how a commercial product works Use like and dislike when evaluating or describing Explain why some products are useful Use digital photography to present design or finished work Recognise what they have done well and talk about what could be improved Seek out the views and judgements of others Predict how changes will improve the finished product	Be clear about their ideas when asked Can alter and adapt original plans following discussion and evaluation Recognise what has gone well, but suggest further improvements for the finished article Suggest which elements they would do better in the future Identify where evaluation has led to improvements Understand safe food storage	Talk about what they like and dislike, giving reasons Develop their designs through their own reflection and the evaluation of others Carry out tests before making improvements Evaluate food by taste, texture, flavour etc.	Identify what is working well and what might be improved – and make choices from several alternatives Refine the quality of the finished product, including making annotations on the design Clarify ideas through drawing and modelling Increasingly use testing to improve models and finished products	Research products using the internet Test and evaluate commercial products, understanding how this information supports their own designs Evaluate a range of different sources of information such as advertising and handbooks