

Edward Peake C of E VC Middle School

Medium Term Plan



Subject: Textiles	Unit: Introduction to the sewing machine. Design and make a ‘bag for life’.	Term/Duration: 2 x 6-7 week sessions	Year Group 7
Prior Learning: <ul style="list-style-type: none">• How to work safely in the textiles room.• How to produce design ideas.• How to use a range of embellishments.• How to make and use a pattern.• How to cut paper and fabric.• How to join pieces of material together.• How to evaluate a completed product.		Key Vocabulary: <ul style="list-style-type: none">• Applique• Embellishment• Bobbin• Pinning• Tacking• Pressing• Seam• Production plan	
By the end of this unit...			
<i>All pupils must be able to:</i> <ul style="list-style-type: none">• Thread the sewing machine and use straight stitch with improving accuracy and quality of finish.• They will have used the correct techniques to prepare their bag for stitching.• They will be able to set the machine to do straight and zigzag stitch, and use them to join their bag pieces together.• They will have used at least two different embellishment techniques to create a simple design on their bag.			
<ul style="list-style-type: none">• Some pupils should be able to: thread the sewing machine with help and use straight stitch with improving accuracy.• They will have used the correct techniques to assemble their bag with help.• They will be able to set the sewing machine to the correct settings with help and may use two or more different stitches to add detail to their bag.• They will have used at least 3 different embellishment techniques to create a design on their bag.• They may have incorporated some upcycled materials into their bag and demonstrate some understanding of how this impacts our environment.			
<ul style="list-style-type: none">• Some pupils could be able to: thread the sewing machine independently and use straight stitch with some precision.• They will be able to use the appropriate equipment and techniques to accurately prepare and assemble their bag.• They will be confident at choosing the correct machine settings, evaluating the quality of work in progress and modifying as necessary.• They may use a wider variety of embellishment techniques to create a more complex design on their bag.• They may have incorporated a variety of upcycled materials into their bag and made conscious links to how this impacts our environment.			

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	Learning Objectives	Content	Assessment	Resources /Health and Safety	ICT Opportunities
1	<p>To be able to identify hazards in the Textiles room and take precautions to avoid accidents or damage equipment.</p> <p>To be able to identify the various parts of the sewing machine and explain their use.</p> <p>To be able to safely use and control the sewing machine.</p>	<p>Starter Identify the risks in the 'Textiles room in action' picture and what should be done to avoid such dangers.</p> <p>Feedback as a class (place a copy of the picture on the board and pupils take turns circling and explaining hazards.)</p> <p>Main Activities Hand out workbooks. Pupils to add full name and group number.</p> <p>Look at diagrams of sewing machines. Discuss the pros and cons of using a machine rather than hand sewing. Using a machine to demonstrate, go through the names and functions of different parts of the machine. Using the key words list pupils to identify and label on diagram.</p> <p>Demonstrate how to complete the sewing machine practice worksheet. Pupils complete their 'driving test', self evaluate the success of the task and hand in sheets for marking. These exercises are completed without thread in the machine. Technician to monitor and give assistance as required.</p> <p>Those not on the machine to create a list/poster of safety rules for the textiles room, including at least 6 rules. Monitor and give assistance as required.</p> <p>Extension: Pupils to list pros and cons of using a sewing machine plus safety rules specific to sewing machines.</p>	<p>Assessment: Use of the sewing machine-</p> <p>I can make a simple product using tools safely and with some accuracy.</p> <p>AFL Questioning. Paired discussion. Feedback</p>	<p>Resources: Workbooks. Sewing machine practice sheets. Sewing machines.</p> <p>Health and Safety- Setting up of Sewing Machines(2.015) Use of Sewing Machines. – refer to risk assessments in H/S documentation</p>	

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		<p>Select sewing machine monitors. Technician to demonstrate the setting up and packing away of the sewing machine in a safe manner.</p> <p>Plenary: Random questioning of topics covered today. Discussion of any problems pupils have encountered when using the machine.</p>			
2	To be able to research a variety of ideas that meet the design brief.	<p>Starter Display images of mixed media textiles work by Caroline Saxby. Pupils to list words that describe this work.</p> <p>Explain the terms 'mixed media', 'texture' and 'mood board'.</p> <p>Introduce and discuss the design brief.</p> <p>Main Activities Pupils to use chrome books to research design ideas that link to the 'under the sea' theme.</p> <p>Pupils to complete a mood board of ideas and begin to think about which images and patterns will inspire their final design. Pupils to either draw or collect and print images and annotate their ideas.</p> <p>Extension: Pupils to consider how they could incorporate the 6Rs of sustainability into their design work. Pupils to link their work to an oceanic/conservation action group, organisation or charity.</p> <p>Plenary: Show and tell of design ideas.</p>	<p>Assessment Teacher assessment - a wide variety of appropriately annotated, strong design ideas.</p>	<p>Resources Workbooks Chromebooks</p>	<p>Pupils to use Chromebooks to research design ideas and create a mood board of ideas.</p> <p>Less able will need support to choose simple designs.</p> <p>More able will be encouraged to annotate their work, looking at the compilation of designs and how they can be adapted.</p>
3	To be able to thread up the sewing machine and	<p>Monitors to set up machines with support from technician.</p> <p>Starter:</p>	Use of the sewing machine.	Workbooks. Sewing machines Equipment trays	

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	<p>complete a sample of straight stitching.</p> <p>To be able to operate the sewing machine safely and accurately.</p> <p>To be able to create a range of designs to set criteria</p>	<p>Pupils to look at the sewing machine diagram and remind themselves of the key words / parts.</p> <p>How do you turn a corner on the sewing machine? How do you change the stitch setting on a sewing machine?</p> <p>Explain 'Envelope Stitch Practice'. Pupils to draw their own line to follow. Video: How to thread up the sewing machine.</p> <p>Reminder of design brief.</p> <p>Main Activities: Creation of an 'envelope' practice piece.</p> <p>Pupils to follow instructions (diagram) on sheet.</p> <ol style="list-style-type: none"> 1. The technician to take pupils in groups of 4 to complete an envelope practice piece. Demonstration – using the machines, correct settings for straight stitch, safe positioning of hands, gentle pressure on foot control to allow controlled speed. 2. When practice piece is complete, staple to workbook and evaluate success. Monitor and give assistance as required. 3. Pupils who are waiting for a turn at the sewing machine to complete either two design ideas, or the front and back of their bag, that meet the design brief. 4. Pupils evaluate the front and back of their design ideas. <p>Starter: How many different forms of embellishment can you think of?</p>	<p>I can make a simple product using tools safely and with some accuracy.</p> <p>I can make a simple product with improving accuracy.</p> <p>AFL Questioning during demonstration. Thumbs up during Plenary Self- assessment</p>	<p>Envelope material. Sewing machine prompt cards</p> <p>Health and Safety Setting up of Sewing Machines(2.015) Use of Sewing Machines. – refer to risk assessments in H/S documentation</p>	
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		<p>Create a list on the board together then direct pupils to the list in their workbooks.</p> <p>Main Activity: Pupils to continue with their designs, annotating their work to explain which embellishment techniques they could use to create their ideas.</p> <p>Monitors to pack away machines.</p> <p>Plenary Discuss problems faced and how to overcome difficulties. Thumbs up self-assessment of accuracy in machining.</p>			
4/5	<p>To be able to operate the sewing machine safely and accurately.</p> <p>To be able to create a range of designs to set criteria.</p> <p>To be able to safely use the correct equipment to create a sampler of embellishment techniques.</p>	<p>Monitors to set up sewing machines and hand out workbooks.</p> <p>Starters Explain to your partner how to bring up the bobbin thread. What is an embellishment? What is applique?</p> <p>Demonstrate applique work:</p> <ul style="list-style-type: none"> • drawing a design onto pattern paper • pinning pattern onto fabric (careful not to waste fabric) • tacking applique piece onto fabric • either neatly or roughly stitching with the sewing machine, depending on the desired finish. <p>Main Activities</p> <ol style="list-style-type: none"> 1. Remaining pupils to complete envelope practice pieces. 2. Pupils to finish, colour and annotate their designs. 3. Pupils to complete a sampler of embellishment techniques that they would like to use for their bags. 	<p>Assessment Use of sewing machine. Use of small equipment</p> <p>I use tools and equipment with some accuracy. (Working towards ARE)</p> <p>I work with a variety of materials and components with some accuracy paying attention to quality of finish.</p>	<p>Resources Workbooks Sewing machines Equipment trays Envelope material. Fabric and embellishments Sewing machine and applique prompt cards</p> <p>Health and Safety Care with setting up and operating sewing machines. Refer to Risk Assessment 2.015 – setting up and operating sewing</p>	

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		<p>Monitor and give assistance as required.</p> <p>Machine, folder and equipment monitors to pack away.</p> <p>Plenary Discuss any problems faced/overcome this lesson.</p>	<p>I work with a range of tools, materials and equipment with some precision.</p> <p>AFL Demonstrations with questioning. Success Criteria achieved.</p>	<p>machines in H/S documentation.</p> <p>Scissors, pins and needles – care with sharp equipment. Refer to Risk Assessment 2.017 sewing equipment – small items.</p>	
6 - 9	<p>To be able to operate the sewing machine safely and accurately.</p> <p>To be able to safely and accurately use the appropriate resources to create a basic placemat.</p>	<p>Monitors to set up sewing machines and hand out workbooks.</p> <p>Starter Show 'Fab bricks' video. Ask pupils for their opinion of this project. What would you build?</p> <p>Check progress from previous lesson. Discuss success of various embellishment techniques. Did anything surprise you? Level of challenge?</p> <p>Distribute bag fabric and name labels.</p> <p>Explain the need to leave a 1.5cm seam allowance around the edge of the bag and a 4cm seam allowance at the top.</p> <p>Main Activity Pupils to have their workbooks open to their design page as they begin to add embellishments to the front and back of their bags.</p> <p>Pupils to use pattern paper and water based fabric pens to mark out their design ideas. Pupils encouraged to evaluate and adapt their design ideas as they work.</p>	<p>Use of sewing machine. Use of small equipment</p> <p>I use tools and equipment with some accuracy. (Working towards ARE)</p> <p>I work with a variety of materials and components with some accuracy paying attention to quality of finish.</p> <p>I work with a range of tools, materials and equipment</p>	<p>Resources Workbooks Sewing machines Equipment trays Fabric and embellishments Sewing machine and applique prompt cards</p> <p>Health and Safety Care with setting up and operating sewing machines. Refer to Risk Assessment 2.015 – setting up and operating sewing machines in H/S documentation.</p>	

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		<p>Monitor and give assistance as required.</p> <p>Use of mini plenaries to: Discuss any problems faced/overcome this lesson. Use random questioning to recap key vocabulary, equipment and safety rules.</p>	<p>with some precision.</p> <p>AFL Demonstrations with questioning. Success Criteria achieved.</p>	<p>Scissors, pins and needles – care with sharp equipment. Refer to Risk Assessment 2.017 sewing equipment – small items.</p>	
10 - 11	<p>To be able to operate the sewing machine safely and accurately.</p> <p>To be able to safely use the iron to press fabric.</p>	<p>Starter Monitors set up sewing machines. Folder and equipment monitors to set out resources.</p> <p>Discuss iron safety with pupils.</p> <ul style="list-style-type: none"> • Demonstrate safely ironing the fabric to turn a hem at the top of each side of the bag. • Demonstrate safely ironing the fabric to create a handle for the bag. • Demonstrate braiding strips of plastic/fabric to create a handle. • Demonstrate pinning and tacking the front and back of bag together, inside out, then marking a stitch line, 1.5cm from the edge of the fabric. <p>Monitors to pack equipment away.</p> <p>Main Activity</p> <ol style="list-style-type: none"> 1. Pupils to turn a hem at the top of each side of their bag. 2. Pupils to attach a handle to each side of their bag. 3. Pupils to attach the front and back of their bag together. <p>Extension: Pupils to overlock the inside edges of their bag using zig-zag stitch.</p>	<p>Use of sewing machine. Use of small equipment</p> <p>I use tools and equipment with some accuracy. (Working towards ARE)</p> <p>I work with a variety of materials and components with some accuracy paying attention to quality of finish.</p> <p>I work with a range of tools, materials and equipment with some precision.</p>	<p>Resources Workbooks Sewing machines Equipment trays Sewing machine prompt cards</p> <p>Health and Safety Care with setting up and operating sewing machines. Refer to Risk Assessment 2.015 – setting up and operating sewing machines in H/S documentation.</p> <p>Scissors, pins and needles – care with sharp equipment. Refer to Risk Assessment 2.017</p>	

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		Plenary Discuss any problems faced/overcome this lesson. Use random questioning to recap key vocabulary, equipment and safety rules.	AFL Demonstrations with questioning. Success Criteria achieved.	sewing equipment – small items.	
12	To be able to critically evaluate the success of your project and suggest improvements.	Starter Pupils to self-assess work and check progress against original design. Talk through evaluation sheet and discuss how to complete. Main Activity All pupils to complete bag assembly. Pupils to complete an evaluation of their finished work. Monitors to put away equipment where necessary. Plenary Display pupil's work and encourage positive feedback. Group evaluation of the success of the project. Extension Work (dependant on time available) Small reversible bag. Drawstring bag.	Assessment I work with a range of materials and components with some accuracy. I work with materials and processes with some precision. I check my work as it develops and modify my approach if required. AfL -Plenary self assessment	Resources Workbooks Sewing machines. Equipment trays. Health and Safety: Use of scissors, pins and needles- care with sharp equipment. Refer to risk assessment 2.017 sewing equipment-small items. Sewing machine 2.01	