

Student Name:

Date:

Unit Title	Introduction to engineering equipment and materials	Level:	ONE	Sheringham High School Motors
		Credit Value:	4	
		Unit Code:	A/501/7009	

Task: Know about engineering materials No 1.1, 1.2

1.1 Identify vehicle components manufactured from

- * steel
- * alloy steel
- * non-ferrous metals
- * thermo setting plastic materials
- * thermo plastic materials

1.2 Identify on a vehicle where the following are used:

- * sealing compounds
- * adhesives

1.1 Identify vehicle components manufactured from	
Picture	Picture
1. Steel component:	2. Alloy steel component:

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<p>Picture</p>	<p>Picture</p>
<p>3. Non-ferrous metals component:</p>	<p>4. Thermo setting plastic materials component:</p>
<p>Picture</p>	
<p>5. Thermo plastic materials component:</p>	

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1.2 Identify on a vehicle where the following are used:	
Picture	Picture
1. Sealing compounds:	2. Adhesives:

Assessor Checklist	Achieved Y/N
Methodical Procedures used	
Date completed	

Assessor Declaration In signing this sheet the assessor and learner confirm that all the operation in this task were Carried out by the named learner observed safe working practices at all times. Assessor Signature..... Date..... Learner Signature..... Date.....
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Task: Know how to use engineering tools No 2.1, 2.2

2.1 Identify and use appropriate engineering hand and power tools for

- * measuring and marking out
- * metal cutting and forming
- * drilling
- * thread forming

2.2 Use these tools safely to produce a vehicle accessory or hand tool

2.1 Identify and use appropriate engineering hand and power tools



Tool:
Purpose:

Tool:
Purpose:



Tool:
Purpose:

Tool:
Purpose:

Student Name:

Date:



Tool:
Purpose:

Tool:
Purpose:



Tool:
Purpose:

Tool:
Purpose:

Assessor Checklist	Achieved Y/N
PPE selected and used correctly	
Methodical Procedures used	

Assessor Declaration
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Assessor Signature..... Date.....

Learner Signature..... Date.....

Student Name:

Date:

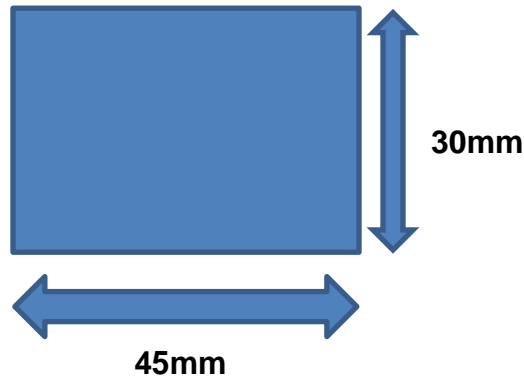
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2.2 Use these tools safely to produce a vehicle accessory or hand tool

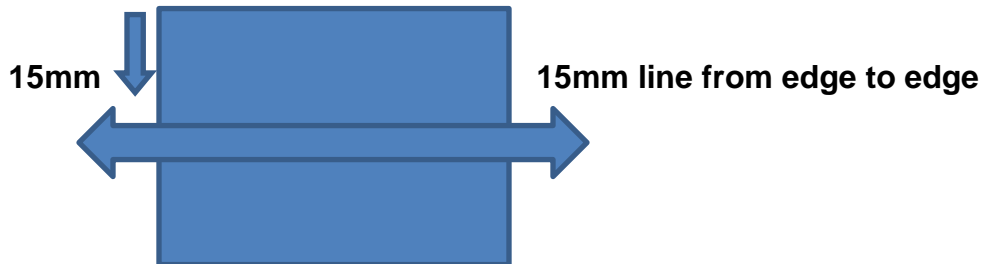
Keyring Planning Sheet



Draw



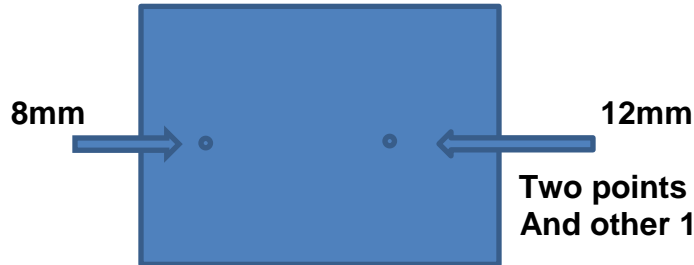
Draw



Student Name:

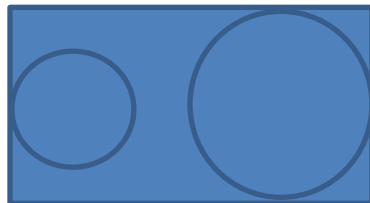
Date:

Draw



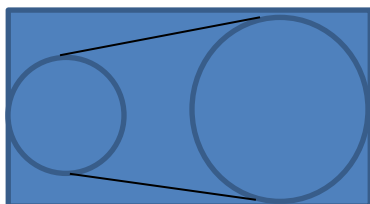
Two points one at 8mm from edge.
And other 12mm from other end.

Draw



One circle 16mm and one 24mm.

Draw



One line touching tops of circles.
And one line touching bottom of
Circle.

You will need a pencil, ruler & compass

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Draw your plan on this sheet

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Think about your keyring and how you made it. List two things you think you did well or enjoyed and two that you could improve on or found difficult.

Things I was pleased with

Skills I could improve on

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Assessor Checklist	Achieved Y/N
PPE selected and used correctly	
Methodical Procedures used	
Tools used correctly	

Assessor Declaration

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Assessor Signature..... Date.....

Learner Signature..... Date.....