

ESTIMATED PERSPECTIVE

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ESTIMATED PERSPECTIVE

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1. INTRODUCTION TO ESTIMATED PERSPECTIVE

2. EXAMPLE ONE

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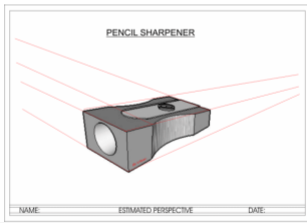
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INTRODUCTION TO ESTIMATED PERSPECTIVE

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Estimated perspective is a way of 'sketching' accurately, using the minimum of guidelines and drawing equipment. Estimated perspective allows objects to be drawn close up and in 3D. This is an ideal technique for examinations and coursework.

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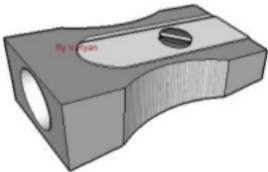


EXERCISE ONE

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Select an everyday object to draw as estimated two point perspective. The example seen here is a pencil sharpener.

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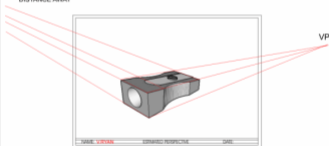
EXERCISE ONE

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1. Estimate the position of the two vanishing points, on the right and left sides of the paper. The vanishing points (VP) may be some distance away from the drawing / sketch. At this stage, you will need to use your imagination, as to the position of the VPs, as it may not be possible to mark them on the paper.

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← VP - STILL SOME
DISTANCE AWAY



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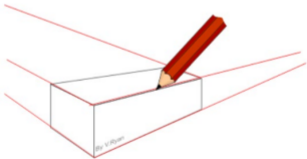


EXERCISE ONE

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2. Using a pencil, draw a 'faint' cuboid in which the sharpener will fit. The cuboid is a frame and sets the limits of the basic measurements. Project guidelines to the imaginary vanishing points (this is the difficult part and you may need to redraw the cuboid several times until it looks right). The guidelines will probably not reach the VPs, as they will be too far to the right and left.

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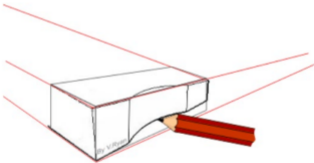


EXERCISE ONE

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3. Add detail to the shape using a pencil. Again, draw the detail faintly. Some lines will be estimated, which means you will need to sketch without guidelines. The 'curves' drawn as part of the pencil sharpener have been estimated and 'sketched'.

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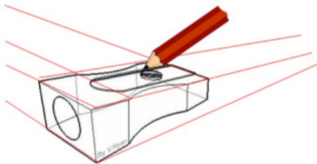
EXERCISE ONE

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4. Add further detail to the sharpener.

Drawing faintly with a pencil, ensures that mistakes can be corrected easily. Sketching is the main skill and refrain from using equipment, other than a ruler.

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EXERCISE ONE

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5. Use a fine ink pen to draw over the pencil lines. This makes the outline stand out.

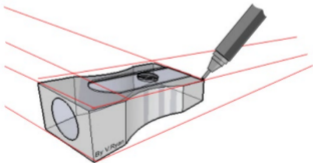
Then, shade the sides of the pencil sharpener with a suitable coloured pencil.

HINT – shade faintly on the top surfaces and a little darker on the sides.

Tap the link buttons for shading techniques



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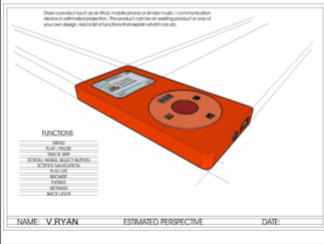
EXERCISE TWO

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Below is another example of an everyday product drawn in two point perspective, estimated perspective. The vanishing points are outside the margins of the page.

The stages involved in drawing the iPod styled device are outlined on the following slides.

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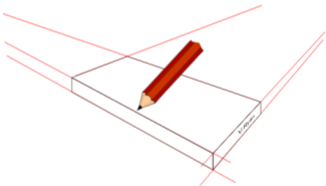


EXERCISE TWO

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1. Draw a cuboid, in which the iPod design will fit. Ensure that the lines are faint and in pencil. The vanishing points will be off the margins of the page. Each time a guideline is projected, you will need to estimate the position of the invisible vanishing point

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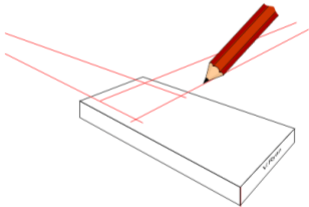


EXERCISE TWO

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2. Draw the position of the menu window, by projecting guidelines to each estimated vanishing point.

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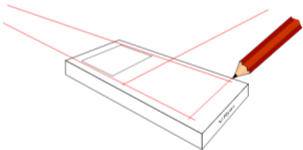


EXERCISE TWO

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3. Draw the position of the scroll wheel - represented as a rectangle in drawn in perspective. The rectangle sets the limit to the size of the circle to be drawn next.

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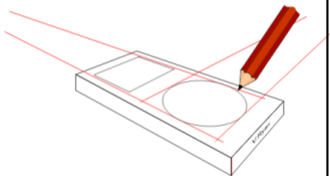


EXERCISE TWO

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4. Carefully sketch the circle. It will be more elliptical / oval in shape. Sketch faintly as it will probably take several attempts to draw a shape that looks realistic.

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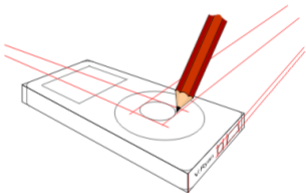


EXERCISE TWO

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5. Draw detail to the scroll wheel using the same techniques as used for the first perspective circle.

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EXERCISE TWO

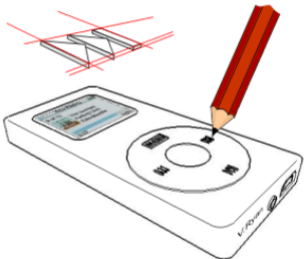
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6. Add detail such as the skip / forward symbols, USB connector and jack plug etc....

These will be in perspective as well.

Add detail to the menu screen as well.

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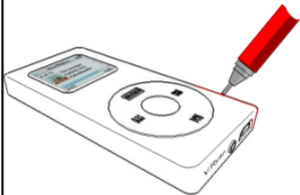


EXERCISE TWO

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7. Use a fine ink pen / felt pen to draw around the outline of the iPod design

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EXERCISE TWO

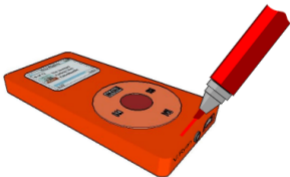
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8. Use a broad ink pen (brush of chisel point) to colour the complete drawing. allow time for the ink to dry.

Tap the link buttons for felt pen techniques



Tap the images for information / an exercise



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EXERCISE TWO

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9. Use the same broad / brush ink pen to add another layer of colour to the side. This will enhance the iPod's 3D effect.

You may wish to shade another side to further increase the 3D look to the iPod.

Tap the images for information / an exercise



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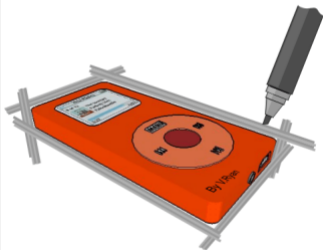


EXERCISE TWO

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10. Use another brush / broad ink or felt pen to carefully draw around the iPod. This will act as a colourful border - this will further enhance the drawing. Choose your colour carefully. Often less bold colours such as yellow, grey or light blue are suitable for this type of felt pen work.

Tap the images for information / an exercise



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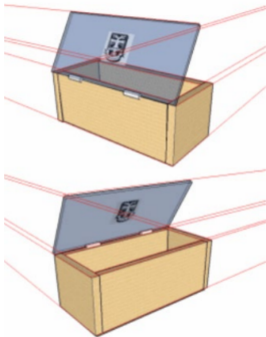


EXERCISE THREE

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The following slides go through the stages of drawing this product in estimated perspective

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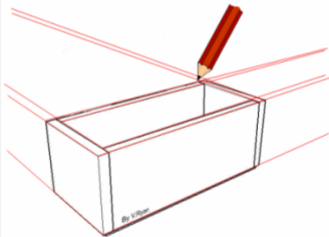


EXERCISE THREE

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Draw the basis box shape, estimating the position of the two vanishing points. Remember, with estimated perspective the vanishing points are outside the margins of the paper. Guidelines are projected to non-existent vanishing points.

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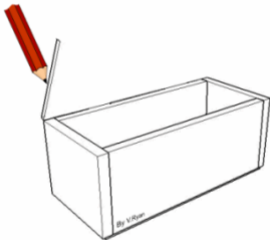


EXERCISE THREE

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Draw the angled edge of the lid. This is sketched in position and distances are estimated. Guidelines for this part are not projected to any vanishing points.

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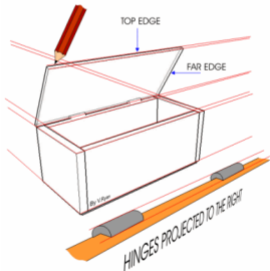


EXERCISE THREE

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The top edge of the lid projected to the right hand vanishing point. The angle of the far edge of the lid is drawn at an estimated angle. Simple hinges are added. Notice that the hinges are drawn with the aid of guidelines projected back to the right hand side vanishing point.

Tap the images for information / an exercise



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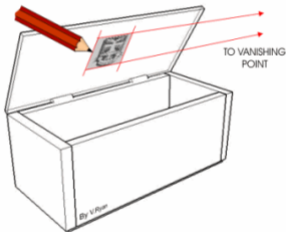


EXERCISE THREE

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Add the crest of arms / picture to the lid. Start by drawing a faint square / rectangle and fit the picture inside it.

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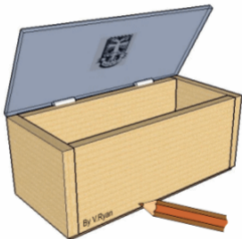
EXERCISE THREE

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Add colour and shade. **Tap the link** button below to see instructions regarding shading natural wood



Tap the images for information / an exercise



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