Year 8 Spring 2 Computing: Media – Vector graphics

A) Key knowledge		B) Key knowledge		C) Key knowledge		D) Literacy
Vector graphics	Vector graphics are digital images that are created using paths.	**Ellipse**	A curve surrounding two focal points. An *ellipse* with equal width and height is a circle.	**Equidistant**	Being the same distance away as another.	Describe two situations where using vector graphics is appropriate.
A path	A path can be a line, or many paths can be combined to create shapes.	**Arc**	An arc is a part of a curve.	**Intersection**	An operation used to create a single path from the overlapping portion of two paths.	Justify your choices, i.e., explain why you say so.
Inkscape	Inkscape is an open source and cross-platform application for editing vector graphics.	**Polygon**	A plane figure with at least three straight sides and angles, and typically five or more.	**Z-order**	The order of overlapping objects used to create a vector graphic.	Write four sentences in total.
Open-source software	Open-source software is software that has the source code left open for the user to view or edit.	**Select**	Selecting is highlighting text or picking an object. For example, you can select text to copy, cut, or move that text to an alternate location, or select a file you want to view.	**Union**	An operation used to combine two or more paths to create a single path.	
Cross-platform software	Cross-platform software is software that is able to be used on many different devices or operating systems.	**Duplicate**	To create an exact copy of a digital object.	**Stroke**	The border of a shape.	
Homework: Look/cover/write and self-mark the information from Section A		**Homework:** Look/cover/write and self-mark the information from Section B		**Homework:** Look/cover/write and self-mark the information from Section C		**Homework:** Literacy task