**LINE and SHAPE Illustrator Grid- Principles and Elements of Design**

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| **Design Elements****7 Building Blocks of all Design** | **Design Principles****Effects Created by using the Elements** |
| * Line
* Shape (2D- L,W)
* Form (3D- L,W,D)
* Space
* Texture
* Colour
* Value
 | * Balance
* Repetition (Think in 3s)
* Contrast
* Movement
* Pattern
* Rhythm
* Unity
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**Goals**

* To put the **principles** and **elements of design** into practice.
* Create **depth** and **movement** with line and shape.
* Develop **vector graphics** skills.
* Learn about setting up a **grid** and using **thumbnails** for research and design

**Questions**

* What is the difference between texture and pattern?
* How do you make optical effects with lines and shapes?
* How can textures and patterns be added as backgrounds for designs?

**Instructions**

* Create a new Illustrator file measuring 8.5 inches by 11 inches (**legal paper size**). It may be formatted **portrait or landscape**.
* Create line segments to divide the art board into **6 equal sections** (line coordinates shown down below).
* In each section, make a unique **pattern** using line, shape, texture and value.
* Each section must use a **different combination** of elements and principles of design

**Additional Rules**

* Must be in greyscale (**no colour**).
* Make each section’s background a different shade of grey/black or leave white.
* You can use gradients as long as they are a **monochromatic greyscale.**

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| **Illustrator Key Tools and Terms** |
| * Line Segment Tool
* Rectangular Grid Tool
* Shapes Tools
* Stroke & Outline Stroke
* Gradients
* Swatch Libraries (Gradients)
* Shape Builder Tool or Pathfinder
 | * Artboard
* Selection Tool (Black Arrow)
* Direct Selection Tool (White Arrow)
* Paths & Anchor Points
* Guides, Grids & Rulers
* Tear-off Menu Feature
* Changing Workspace (Essentials to Layout)
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| **Evaluation Checklist** |
| **Design Elements & Principles*** Balance and contrast of black and white
* Variety of lines, shapes and forms
* Rhythm and focal point
 | **Critical & Creative Thinking*** Strength in ideas and techniques
* Communication of design elements
* Continual refinement of skills
* Demonstrates the fundamentals of layout and composition
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| **Visual Precision & Software Techniques*** Time has been taken to develop integrated designs that use depth and movement
* Understanding of Illustrator tools is evident
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**Student Examples**

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