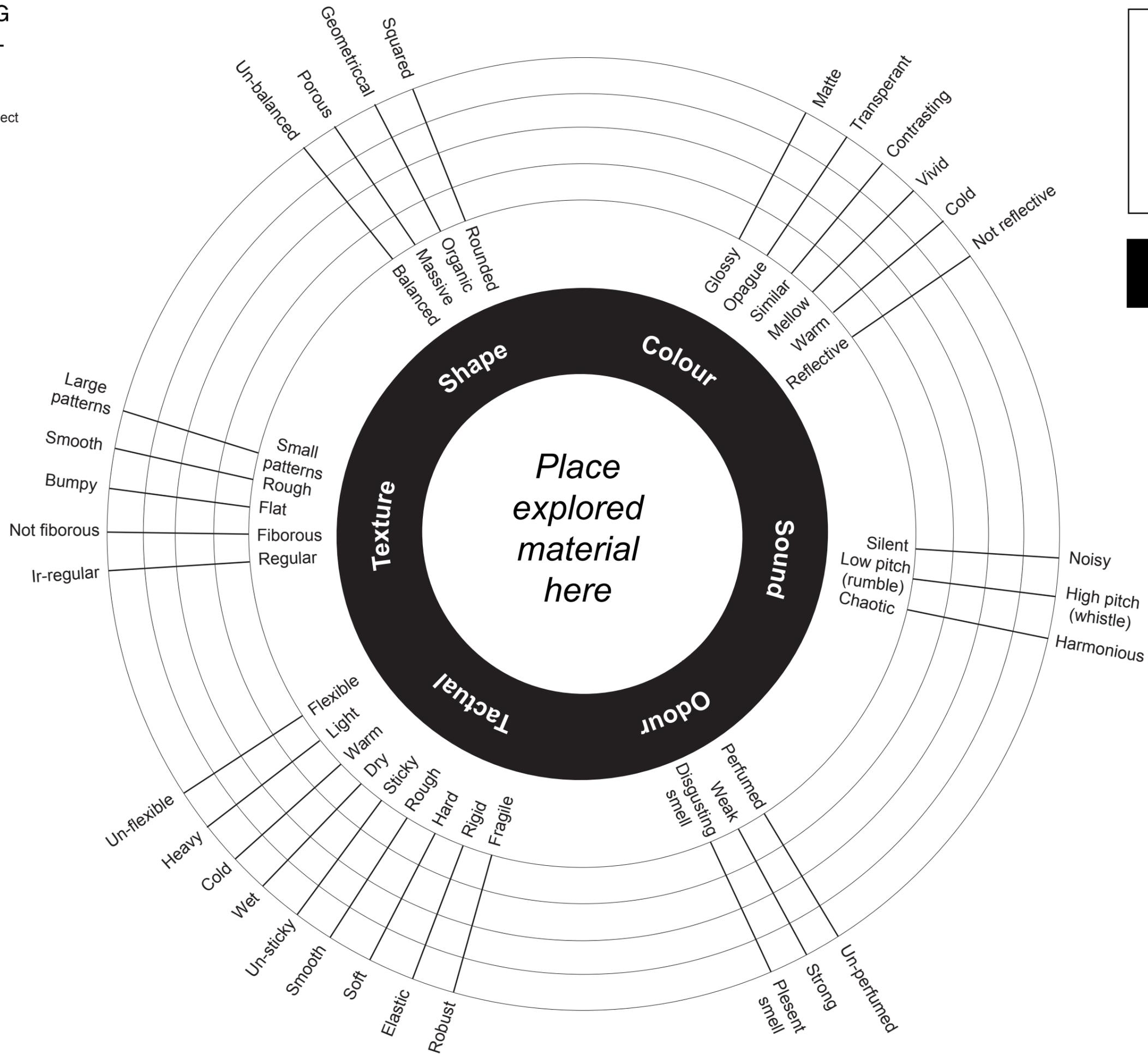


The **Sensuous Tool** is a set of three wheels designed to assist designers in exploring materials, facilitating discussions and reflections by comparing material qualities, and communicating material choices throughout the design process. While the three wheels are intended to be used together as a series, they can also be used individually when a designer wishes to explore a specific aspect of a material. These tools are suitable for both group and individual use and can be utilized either physically or digitally. It is recommended to use them physically if the material is available for hands-on interaction.

The **Sensorial Wheel** helps examine materials by evaluating them based on contrasting qualities. To use it, place the material being assessed in the centre and the reference material in the top right corner. Next, fill in each word pair grouped by qualities (colour, sound, odour, tactility, texture, and shape) by marking the line between the two words. For example, if the material in the centre feels rough compared to the reference material, the mark should be placed closer to “rough” than “smooth.” These marks create a visual comparison, which is useful when comparing multiple materials to the same reference material. This tool can aid in selecting materials during a design process or understanding material differences. Additional word pairs can be added to further describe the material.

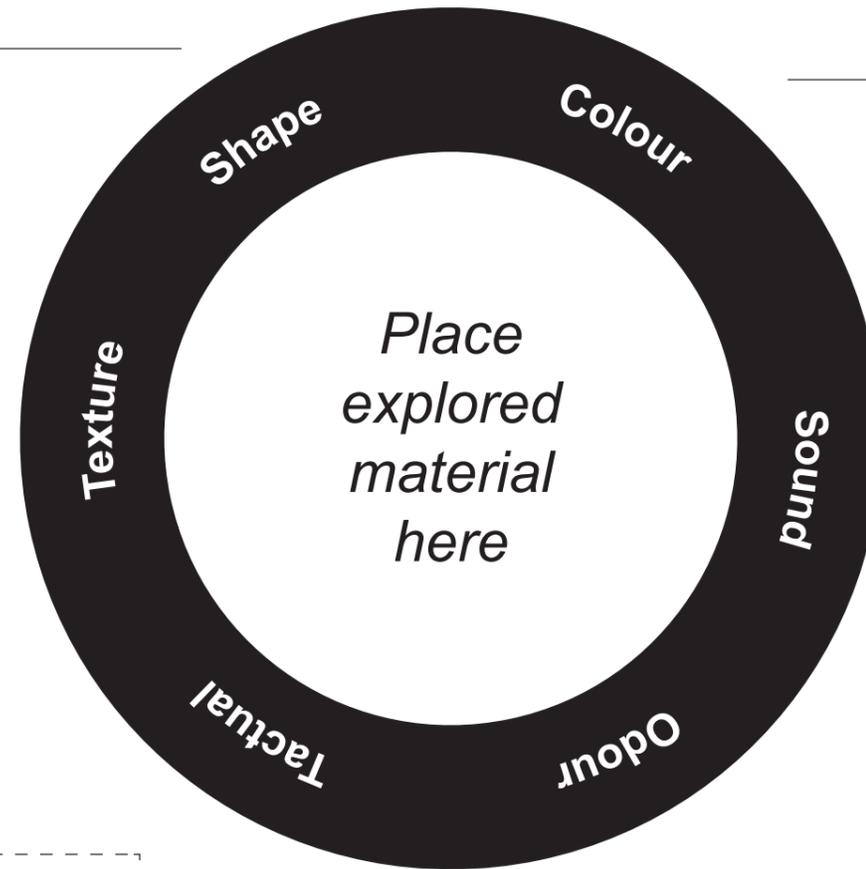
The **Visual Wheel** explores the characteristics of selected materials by using samples or photographs to illustrate them. This process also involves comparing the chosen material to a reference material. When used in conjunction with the Sensorial Wheel, these samples or photos can align with the descriptive word pairs to explore the understanding of materials and highlight similarities or differences.

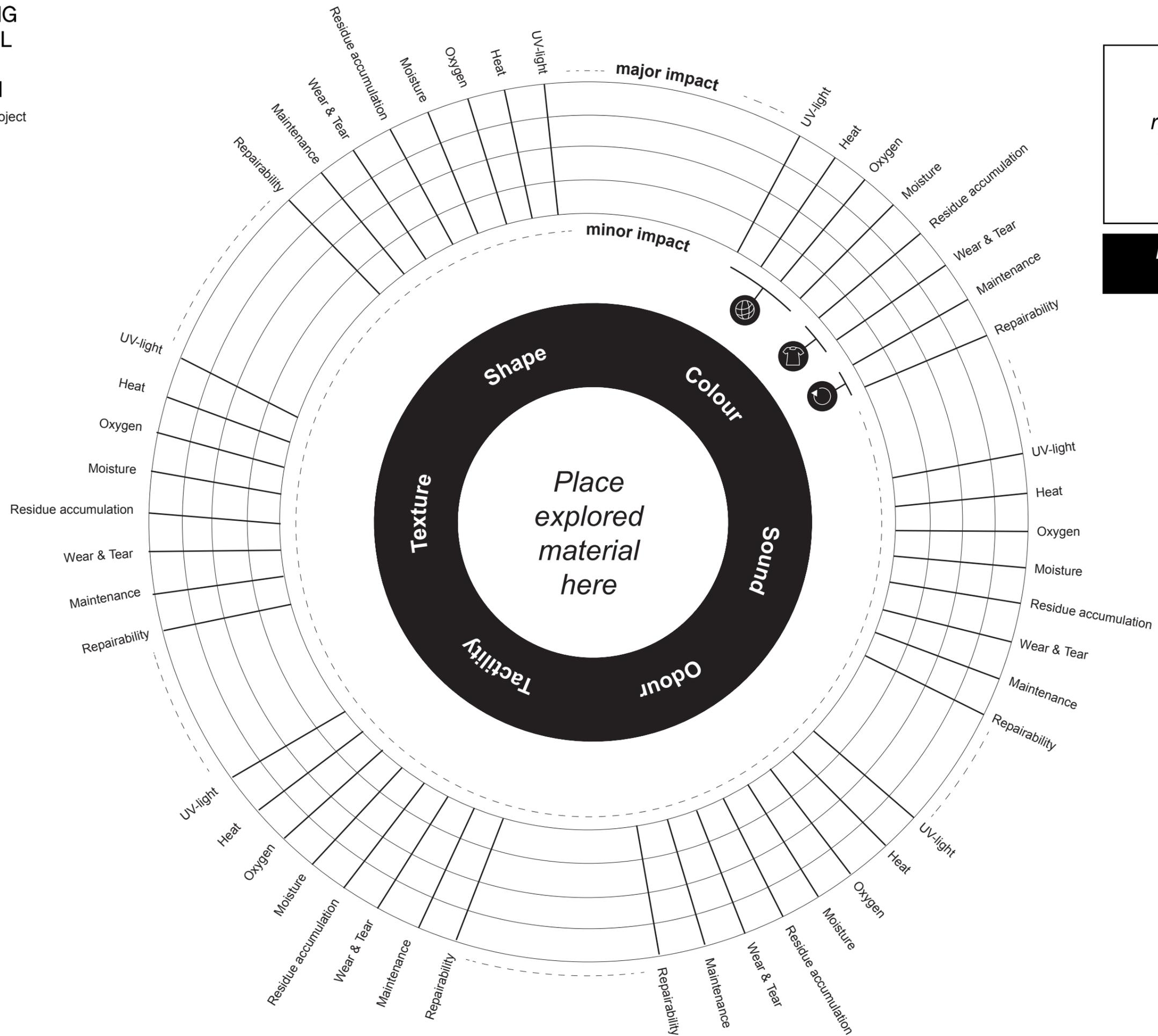
The **Impact Wheel** examines how materials evolve over time with use. Selected attributes are marked to show how various factors affect the material as it ages, grouped by themes. Additional attributes can be added to provide a more detailed description of the material’s changes over time.



Place
reference
material
here

Reference
material





Impact wheel