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| **Workshop Title** | Grow and Sew Kombucha |
| **Workshop developed by** | Pahia Cooper |
| **Description** | Participants will learn how to grow and sew clothes using Kombucha ‘cloth’. They will find out how to ferment Kombucha at home using simple ingredients. They will complete a material analysis to ascertain the material’s design properties. This workshop is the first in a series of three, over which participants will create items using the Kombucha cloth to take home. |
| **Pre-requisites** | None |
| **Key learning Outcomes** | Understand the science behind fermentation  Use knowledge of how to ferment Kombucha to grow cloth and sew unique items  Understand why Kombucha is more green than cotton |
| **Engagement and Learning Strategies** | Hands-on play  Material analysis  Informative PowerPoint |
| **Spaces and Equipment required** | Bench space, Wet floor area  Urn, Plastic Containers, pre-prepared SCOBY |
| **Risk Assessment** | Chemicals: Vinegar, Bleach- Use gloves  Burns from urn- Warn participants and monitor  Slipping on water- Use non-slip[ mats |
| **Getting set-up** | Print worksheets  Get PowerPoint  Ensure Kombucha packs are set up |

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| **Step** | **Timeline** | **Activity** | **Tips for the Facilitator** | **Instructional Resources** |
|  |  | **Set Up**   * Individual Kombucha packs * Worksheets * pH strips, bleach, acid, alkali, dyes |  |  |
| 1 | 18:00 – 1810 | Introduction to the workshop and facilitator |  |  |
| 2 | 18:10 – 18:20 | PowerPoint presentation, Questions? |  |  |
| 3 | 18:20 – 18:30 | Walkthrough Kombucha Area- industrial scale production |  |  |
| 4 | 18:30– 18:45 | Everyone make tea, mix with SCOBY, measure PH- discuss homecare |  |  |
| 5 | 18:45 – 19:15 | Play with Kombucha – wet and dry, fill in materials analysis sheet, play with dye |  |  |
|  | 19:15 – 19:30 | Paper and pens - Option to start designing |  |  |
|  |  | **Clean Up** |  |  |

**What next?**

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| **Resources** | Books, websites or other resources… |
| **Collaboration** |  |