| 42<br>ECO ENVIRONMENTAL & SUSTAINABILITY POLICY |
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| **ORGANISATION:** | **FUTUREKIDS / SKILLSPRO GROUP** |

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| **SECTION** | Policy |

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| Alti Miles | Accreditation Manager | 31/10/2025 |
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**Our Core Commitment:**
At Futurekids, we believe the builders of tomorrow's technology must also be the protectors of tomorrow's planet. Through the MagBot robotics platform, we commit to minimizing our technological footprint while maximizing our "handprint"—the positive educational impact our students make on the world.

1. **Sustainable Hardware & Product Lifecycle**
   Because the MagBot relies on physical hardware (magnets, plastics, electronics), we manage our kit inventory with a strict circular-economy mindset: reduce waste, maximize longevity, and recycle responsibly.

   - **100% Circular Hardware Upkeep:** We do not discard damaged MagBot components. Broken plastic elements are sent to dedicated recycling facilities, and non-functional electronic components (PCBs, motors) are separated for certified e-waste recycling.
   - **Zero-Waste Component Sorting:** All classroom MagBot kits utilize reusable, durable storage organizers to eliminate the need for single-use plastic packaging or temporary plastic bags during lessons.
   - **The "Repair Over Replace" Rule:** Instructors and students are trained to troubleshoot and repair MagBot modules wherever possible rather than defaulting to discarding them, instilling a culture of maintenance and care.

2. **Energy Efficiency & Green Operations**
   We actively manage the carbon and energy footprint generated during Futurekids workshops and the operation of MagBot units.

| Focus Area | Policy Standard | Actionable Step |
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| **Battery Management** | 100% Rechargeable Ecosystem | Only high-cycle rechargeable batteries are permitted for MagBot power packs. Disposable batteries are strictly prohibited. |
| **Power-Down Protocol** | Zero Idle Energy Waste | All MagBots, tablets, laptops, and smartboards must be completely powered down at the end of every session—never left on standby overnight. |
| **Digital-First Logistics** | Paperless Classrooms | Curriculum guides, student certificates, and MagBot assembly instructions are strictly digital. Printing is permitted only |

| Focus Area | Policy Standard | Actionable Step |
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| | | for accessible/special-needs learning requirements. |

**3. "Eco-Tech" Curriculum Integration**

The ultimate power of MagBot lies in its ability to teach sustainability through hands-on STEM (Science, Technology, Engineering, and Math) play. We weave environmental problem-solving directly into our robotics challenges.

- **Green Cities Challenge:** Students use MagBots to simulate eco-friendly urban planning, programming their bots to optimize public transit or navigate smart grid power distribution systems.
- **The Ocean Clean-Up Mission:** Coding challenges require students to program MagBots to sort, identify, and clear simulated plastic waste or oil spills from a grid map.
- **Renewable Energy Concept Mapping:** Lessons introduce how real-world automation, artificial intelligence, and robotics are used to optimize wind turbines, solar fields, and wildlife conservation monitoring.

**4. Responsible Sourcing & Partnerships**

We hold our supply chain and operational partners to the same standards we teach in our classrooms.

- **Eco-Friendly Kit Sourcing:** We actively prioritize working with hardware manufacturers who utilize recycled plastics, non-toxic organic dyes, and minimalist, plastic-free shipping boxes.
- **Local Impact Initiatives:** Futurekids branches are encouraged to organize "Tech & Nature" days, where robotics achievements are celebrated alongside real-world community cleanups or tree-planting activities.

**5. Policy Review & Governance**

This policy is a living document, reviewed annually by the Futurekids operational team. As robotics technology evolves, we will continually challenge ourselves to lower MagBot's footprint and discover new, creative ways to code for a cleaner earth.

**Signed:** Futurekids Management Team
**Effective Date:** October 2025