## **RG Quiz & Reinforced Learning System**

**Africa Deep Tech Challenge 2025 – Pitch Script (~3 mins)**

**Slide 1: Introduction (20s)**

"Good day, esteemed judges and innovators. My name is Gbenga Joshua Afolabi. I present the RG Quiz and Reinforced Learning System — a powerful, offline-ready app transforming how children in Africa learn, especially in remote areas. It’s designed to work where power and internet are scarce — aligning perfectly with the Deep Tech Challenge’s vision.

**Slide 2: Overcoming Power & Connectivity Limits (40s)**

**Low or no power, the presence of internet and its affordability are key barriers to learning especially in the remotest part of Africa – This application is built to overcome these.**

1. Power and internet remain key barriers. Our app is built to overcome both.
2. At just 46MB, it’s ultra-light and energy-efficient, running smoothly on any device, including low-cost tablets.
3. Once installed, it works fully offline — all quizzes, lessons, and progress tracking function without internet, ensuring continuous learning anytime, anywhere.

**Slide 3: Fun, Personalized Learning (40s)**

1. We don’t just connect learners — we engage them.
2. The UI is intuitive and fun, making learning enjoyable.
3. We also solve the problem of concept difficulty with a unique 2-layer explanation system — including AI-powered explanations — so every child learns at their pace.
4. Parents aren’t left out — they can track scores, see personalized remarks like ‘Excellent’ or ‘Needs Improvement,’ and support their child’s progress easily.

**Slide 4: Scalability & Adaptability (30s)**

1. Our system already covers 11 subjects, 38 topics, and is based on the Nigerian curriculum. It’s adaptable to any school or custom learning path.
2. Built with Bootstrap 5, it works flawlessly on all screen sizes — from phones to tablets — maximizing reach and usability.

**Slide 5: Vision & Impact (40s)**

* In summary, RG Quiz is a game-changer for education in low-resource settings.
* It solves the key problems: access, engagement, comprehension, and parental involvement.
* We see it empowering schools and homes across Africa — giving every child a chance to learn, grow, and succeed, regardless of where they live.