

Topics covered	EAC / New Words	Computational Thinking			Problem Solving Skills	Classroom management
LEGO Spike Prime	1.New terminology worksheet was provided	Decomposition	Pattern Recognition	Algorithm Design	Different Scenarios were provided, and learners were to come up with solutions, under guidance.	<b>Guidance on:</b> <ul style="list-style-type: none"> <li>Classroom rules</li> <li>Competition rules</li> <li>Philosophy of LEGO ( What robotics can do for children e.g., fun, collaboration, teamwork, (fundamental values were emphasised)</li> <li>Names of robotics pieces (learners need to know them)</li> <li>LEGO Book with new terminology to be developed by learners.</li> </ul>
Micro :bit		My Block was used to separate and to sequence different steps that the robot is going to follow.	<u>Micro:bit</u> , LEGO and Scratch 3.0 were used	Learners were encouraged to follow step by step movement when solving the problem.		

The trainers were well prepared, knowledgeable and have excellent presentation skills, good time management throughout the five days. Presentation was done in such a way that it breaks the fear of Coding and replace it with confidence and hope. English across the curriculum (EAC), computational thinking, problem solving, and classroom management were also emphasized. The facilitation pace was also acceptable and allows time for questions, contributions, and clarity. Notes were also provided to enhance the presentation. Certificates of appreciation were also provided on the last day of the training. It was a great pleasure to attend such a workshop.  
 NB: DRAFT CURRICULUM was also consulted.



**Mamoferefere Mokhele**

CLI:SES-TECHNOLOGY

Sedibeng East District

**Department of Education**

**Tel:** +27 (0) 16 440 1877 **Fax:** +27 (0) 16 440 1787 **Cell:** +27 (0) 71 173 7044

**Fax to e-mail:**

**Email:** [Mamoferefere.Mokhele@gauteng.gov.za](mailto:Mamoferefere.Mokhele@gauteng.gov.za)

**Website:** [www.education.gpg.gov.za](http://www.education.gpg.gov.za)

