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| Goal: Increase student awareness, participation and achievement in STEAM at every level (PK-20) | | | | | |
| **Action Step/Strategy** | **Responsible Person(s)** | **Anticipated**  **Implementation** | **Necessary**  **Resources** | **Potential Challenges** | **Anticipated Outcome** |
| Next Generation Science Standards train the trainers program. | Assistant Commissioner, State STEM Director, Superintendents, District Coordinators, K-12 Teachers, Administrators | 2016-2017 academic year. | 1. Funding to train the teachers. 2. Training Materials 3. 2015- 2016 Test scores to serve as baseline data. | Limited funding to support the program.   * Seek community support and donations to assist with the program. | Increase in the percentage of all students scoring proficient or above on math and science assessments. |
| Implement informal STEAM learning opportunities for students. STEAM:   1. Afterschool 2. Summer 3. Fairs (District, Territorial and Caribbean) 4. Conferences/ Symposiums 5. Competitions and Expositions 6. Literature (Brochures/pamphlets) | Assistant Commissioner, State STEM Director, Superintendents, District Coordinators, K-12 Teachers, Administrators | 2016-2017 academic year. | 1. Informal STEM curriculum, 2. Location to house the Summer Program, 3. student participants, 4. teachers, 5. funding | Limited funding to support the programs.   * Seek community support and donations to assist with the program. | 1. Increase in the percentage of all students scoring proficient or above on math and science assessments. 2. Increase in student, parental and community involvement in STEAM |

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| **Action Step/Strategy** | **Responsible Person(s)** | **Anticipated**  **Implementation** | **Necessary**  **Resources** | **Potential Challenges** | **Anticipated Outcome** |
| Implement formal STEAM learning opportunities for students. STEAM: | Assistant Commissioner, State STEM Director, Superintendents, District Coordinators, K-12 Teachers, Administrators | 2016-2017 | 1. STEAM Curriculum |  |  |
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