# VI Children's Museum Program Wish List

1.) Earth & Space Toolkit Demonstrations -

| **Area of Interest**: Science/Technology/Reading/Engineering Art/Math/Environment | **Type of Activity**: In-Person | **Students (Capacity)**: 15-20 students (3-4 chaperones/parents), K-12th Grade |
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**Activity/Program Description**:
The Virgin Islands Children's Museum (VICM) will host Explore Science: Earth & Space Toolkit demonstration events for K-12th grade students and their teachers/chaperones. Each demonstration has been designed to engage visitors in Earth and space phenomena, to help visitors reflect on science as a way of knowing, and to encourage them to identify as science learners. We will delve into art and science activities such as; Bear's Shadow which guides preschoolers in investigating light and shadow with a storytelling session and hands-on activity. With the Exploring the Solar System: Design, Built, Test activity learners will imagine, draw, and build their own simple model spacecraft and test it to ensure they're ready for launch (age 4-adult). Nebula Spin Art allows all ages to learn how nebulas are formed by creating their own colorful model nebula using paint and a spinner. During each demonstration event visitors will participate in approximately 5 carefully curated, age appropriate learning activities, facilitated by VICM staff members.

Informational signage and banners available in Spanish as well as English. VICM staff facilitation will be delivered in English unless special arrangements are requested, additional cost for Spanish facilitation staff will apply.

At each event/demo, we can display table tents that highlight our partners. For instance "…in partnership with the Division of Cultural Education"

**Activity/Program History**:
The Space and Earth Informal STEM Education (SEISE) project is raising the capacity of museums and informal science educators to engage the public in Heliophysics, Earth Science, Planetary Science, and Astrophysics, and their social dimensions through the National Informal STEM Education Network (NISE Net) in collaboration with the National Aeronautics and Space Administration (NASA). Engaging demonstration toolkits include hands-on Earth and space science experiences with connections to science, technology, and society have been awarded to the Virgin Islands Children's Museum (VICM).

**Implementation Timeline/Notice Required**: The VICM can implement these Earth and space science demonstration events with 3 weeks' notice.

Currently, we could host 15-20 students per session for a total of 12 sessions. Sessions will last for 1.5-2 hours.

**Cost/Supplies/Necessary Support**: Each Demonstration will cost approximately $3,000. As mentioned on our call, the costs may vary depending on which age group we're hosting.

-NISE Net Kits & Demo Materials
-Staff Administration
-Museum Operations (Utilities, cleaning, space usage, insurance for additional events)
-Printing/Miscellaneous expenses
-School Bus (transportation)

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2.) Community Author & Student Reading Videos -

| **Area of Interest**: Literacy/Cultural Awareness | **Type of Activity**: Virtual; student will come in to record reading and videos can be shared on VICM and DOE platforms. | **Students (Capacity)**: Classes can select a reader each month to be in the video. |
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| **Activity/Program Description**: Due to the current pandemic, the VICM Book Nook has been underutilized. Instead of having groups read to, we will record local authors, students and volunteers from the community to read a book from the Book Nook and share it on our online social media channels. Books can have a cultural context and we can host storytellers.<br><br>In addition to the videos which can be heard, each video will contain subtitles so students can read along with the story. A sign language expert will also communicate the story to the hearing impaired. We would also like to have Spanish/French speakers reading the same stories to reach and even wider student population. In the future, we could hopefully create a video series that would teach sign language to students.<br><br>Each video can include the name and logo of our partners. For instance "…in partnership with the Division of Cultural Education" | **Activity/Program History**: We had Kitty Edwards from DPNR read her favorite bat book for Bat Week in October. Very soon, we will be working with ladies from sororities on island to come in and read stories for us to share!<br><br>Please note that permission must be granted for a recorded video for the books being read by the author or publisher. Students must have waivers signed by parents to be recorded. |
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| **Implementation Timeline/Notice Required**: Mondays will be best to record these videos as the museum is closed and will not have to worry about noise. After 5pm (Tuesday-Sunday) will also be an option for recording selected students.<br><br>These videos could be scheduled in as little as 1 week and may take 1-2 weeks to edit and share on all platforms.<br><br>This could also be done during the summertime which may coincide with the Governor's Reading Challenge. | **Cost/Supplies/Necessary Support**: Each book reading video will cost approximately $1,400.<br><br>-Location expenses (utilities, cleaning, etc.)<br>-Recording & Editing<br>-Coordination/Admin<br>-Sign Language Expert<br>-Guest Readers<br>-Transportation |
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3.) Creativity Corner -

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| **Area of Interest**: Art /Creativity/Culture | **Type of Activity**: Virtual & In-Person | **Students (Capacity)**: 15-20 students in-person. Man more can follow along with recorded art activity videos. |

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| **Activity/Program Description**: Art is essential for developing minds. It helps with personal expression, problem solving and self-confidence.<br><br>Currently, the VICM has a community sourced exhibit taking place at 81C in downtown Charlotte Amalie on Valentine's Day. We are planning to also host a student sourced art exhibit for Youth Art Month in March. In April, we hope to utilize our space for a local artist we can't disclose at this time.<br><br>We can host hour long specific art projects for students with qualified instructors outside of school for those that show an interest. | **Activity/Program History**: |

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| **Implementation Timeline/Notice Required**: Based on how quickly we can gather supplies, we can host an art session or create an art related video with 2-3 weeks' notice. | **Cost/Supplies/Necessary Support**: Each exhibit and art program could cost between $1,700 and $2,700 depending on the program and number of students.<br><br>-Art Supplies<br>-Instructors/Admin/Coordination<br>-Location Expenses<br>-Recording/Editing |

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4.) STREAM -

| **Area of Interest**: Technology/History/Culture | **Type of Activity**: Virtual & In-Person | **Students (Capacity)**: 15-20 students (3-4 chaperones) for in-person activities. 21-75 can participate in virtual activities. |
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**Activity/Program Description**:

A.) Virtual Reality Treasure Hunt – although it starts with the words "virtual" these treasure hunts will actually take place in-person (in the museum). There are two components to this activity; gathering the 3D images/video and participating in the treasure hunt. The first component could be done by older students. This task will include capturing and uploading 3D images of culturally and historically significant locations to a website and will be led by a technofile chaperone selected by the VICM. Image collection could take about 1 week. The second component will take place in the museum and will require low-tech and high-tech devices such as 3D glasses and cellphones. Each VR activity can be tailored to children 8-18 years old.

B.) HackAThon - A hackathon is a design sprint-like event; often, in which computer programmers and others involved in software development, including graphic designers, interface designers, project managers, domain experts, and others collaborate intensively on software projects. Students that have access to computers and the internet can participate in the HackAThon from home or at school. They are also given tools to further explore this particular interest.

C.) Robotics Workshop - Robotics is an interdisciplinary field that integrates computer science and engineering. Robotics involves design, construction, operation, and use of robots. With robotics kits, we could introduce children of various ages to the field of robotics.

**Activity/Program History**: The VICM was not involved in the first HacKAThon involving VI students, however we are now in connection with the organizer and we hope to have the next HackAThon in May 2021.
The first HackAThon was a success and had over 50 VI students participate to create musical beats using coding from 10-18 years of age.

**Implementation Timeline/Notice Required**:
Based on how quickly we can gather supplies for each type of activity, we can host student activities within 3-4 weeks.

**Cost/Supplies/Necessary Support**:

A.) Each Virtual Reality Treasure Hunt will cost approximately $3,000 to administer this activity to 15-20 students.

B.) A HackAThon will cost approximately $2,500 to administer this activity to 25-75 students virtually.

C.) Each Robotics Workshop – will cost approximately $7,000 to administer to 15-20 students.

-Tech Materials (3D glasses, robotics kits, etc.)
-Instructors/Admin/Coordination
-Location Expenses/Utilites
-Printing/Miscellaneous

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5.) AIM HIGH Mentorship Program -

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| **Area of Interest**: Mentorship/Culture/Financial Literacy/Life Planning | **Type of Activity**: In-person/Virtual | **Students (Capacity)**: Once we launch this program, hopefully this summer, we will only be accepting 15-20 students that will participate in the program for 1 year. |

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| **Activity/Program Description**: The VICM will be creating a mentorship program through the AIM HIGH Empowerment Institute, created and led by a Virgin Islander Sherman Browne, currently living in New York. The mission of this program is to serve as a success, retention and graduation initiative where our members are able to improve their academic, personal, professional and social performance. They achieve this through seminars, forums, programs and social activities that provide access to mentoring, community service initiatives, college preparation resources, career readiness, family engagement strategies, educational empowerment and advocacy.<br><br>I strongly recommend that even outside of our work together, you enlist the services of Sherman Browne to help you integrate your new Kallaloo curriculum into the classrooms. He has over 10 years of experience with this and I believe it will produce the best results for the students and schools.<br><br>If you choose not to enlist his services for yourself, your partnership with our Mentorship program would be a great way to see the results without fully committing. | **Activity/Program History**:<br>You can learn about this program here, AIMHigh Empowerment Institute (aimhighei.org). |

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| **Implementation Timeline/Notice Required**: Training of mentors, and teachers will take about 2 weeks-1 month and outreach to find the right students can take the same amount of time.<br><br>As this will be the first implementation of this program in the Virgin Islands, we will do what's necessary to make sure it has a good foundation, which means doing it right. | **Cost/Supplies/Necessary Support**: This year-long program will cost approximately $35,000<br><br>-Program Materials<br>-Site Administrator/Coordination<br>-Trainer/Mentor (Training/F&B)<br>-Location Expenses<br>-Transportation<br>-Member Graduate Gear<br>-Background checks |

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6.) Financial Literacy Program -

| **Area of Interest**: Finances/Culture/Technology | **Type of Activity**: Virtual & In-Person | **Students (Capacity)**: 15-20 students (3-4 chaperones) for in-person activities. 21+ people can participate in virtual activities. |
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| **Activity/Program Description**: While we are still looking for the right financial professional to lead the program, we hope to begin in April. The purpose of this program will be to educate families with children and in-particular children about finances to help make them more confident regarding money. Too often, young people are left out of the money conversation. With a professional, we will create a fun and interactive program that can be presented virtually or in-person.<br><br>We would first like to target low-income families, those living in public housing or children who attend public schools so they can start to think about their futures and potentially breaking existing cycles of poverty using their natural abilities and technology to start creating generational wealth.<br><br>We will be able to create videos for the virtual portion that can be shared on our online channels and maybe even WTJX may pick it up. | **Activity/Program History**:<br>We haven't done this before in the museum yet but creating a project they can work on all year is an amazing way to build youths financial skill set. For instance, working together to create a business and learning all the various financial aspects that go into such an endeavor. |
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| **Implementation Timeline/Notice Required**:<br>Once we have our program instructor, we could develop a curriculum and roll it out in about 2-3 months. | **Cost/Supplies/Necessary Support**:<br>Our Financial Literacy Program will cost approximately $20,000 for a year of content and instruction.<br><br>-Printing/ Worksheets/ Activities<br>-Graphic Design<br>-Instructors/Admin/Coordination<br>-Location Expenses/Utilities<br>-Recording/Editing |
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7.) Bamboula Workshop -

| **Area of Interest**: Culture/Art/Anthropology | **Type of Activity**: In-Person | **Students (Capacity)**: 12 students |
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**Activity/Program Description**: The Bamboula Workshop is a 4 week (Saturdays) Workshop for girls and boys 7-12 years of age, that will take place in the museum. Each week will focus on a different aspect of the Bamboula and will culminate with a presentation to the parents of participating students. On that day, the students will be allowed to play in the museum as a reward for completing the workshop.

Each weekly session will last for about 1 hour and will be led by the Caribbean Ritual Dancers. We will feature the workshop instruction as one of our Cultural Ambassador topics therefore will need to record a few workshops.

**Activity/Program History**:
The Caribbean Ritual Dancers have over 15 years of teaching and dancing experience and display a level of professionalism that I have yet to see from other programs.

**Implementation Timeline/Notice Required**:
Implementing this workshop will require at least 2 weeks' notice. While they have all the materials they need to run the workshop, we want to give CRD time to schedule their instructors and other required assistance.

**Cost/Supplies/Necessary Support**:
Each monthly workshop will cost $4,500 to administer to 12 students.

-Outreach/Marketing/PR
-Instructors/Admin/Coordination
-Location Expenses/Utilities
-Recording/Editing

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