## BACKGROUND

The Joint Science and Technology Office – Chemical Biological Defense (JSTO-CBD) has established a STEM Vault as an outreach activity to allow teachers who have participated in JSTO-CBD research and professional development initiatives the opportunity to borrow related STEM equipment and materials. The purpose of this outreach activity is to ensure that teachers are able to take their experiences and new knowledge back to their classrooms. By transferring these skills and new knowledge to students, the students will become knowledgeable in emerging sciences and in opportunities for service as civilians or military personnel with JSTO-CBD. Since a lack of resources is often a major obstacle for teachers to effectively integrate emerging sciences into their classrooms, through this initiative, participating teachers will be provided materials and ongoing access to the equipment needed for integration, via a loan agreement. Participating teachers are located across the nation and in DODEA schools around the world.

## ORISE RESPONSIBILITIES

* Maintain a dedicated website listing available materials and equipment.
* Provide an online proposal process for teachers to request materials and equipment.
* Provide instructions for use of loaned materials and equipment.
* Provide shipping to and from the school.
* Provide guidance and a template for submission of lesson plans.
* Provide a mechanism for transfer of photos/videos/data related to the use of the materials and equipment.
* Provide feedback channels for teachers to convey their use of loaned materials and equipment.

## TEACHER RESPONSIBILITIES

* Submit a proposal for specific materials and equipment, defining planned use in the classroom and the timeframe materials and equipment are needed, not to exceed 9 weeks. Request must be received at least 4 weeks before it is needed.
* Acknowledge responsibility of all loaned materials and equipment through a loan agreement signed by the teacher and the school principal.
* Produce a lesson plan based on the use of the materials and equipment on the approved lesson plan template.
* Submit photos and videos of students using the materials and equipment in the classroom. Ensure photos and videos only include those students who have a parental/guardian signed photo release on file with the school.
* Provide data, as permitted, related to the use of the materials and equipment.
* Provide a personal assessment of the use of the materials and equipment.

**Terms of Loan Agreement**

**The borrower shall:**

1. **agree that ORAU/ORISE/DOE will not be responsible for injuries to participating teachers or students that are not caused by the negligence of ORAU/ORISE employees.**
2. **agree to utilize the loaned materials and equipment as described above and in the submitted proposal.**
3. **agree to return the loaned item(s) in like condition as received from the Lender, normal wear and tear excepted, and free of contamination, on or before the expiration date, unless the loan period is formally extended or the loan is terminated before the due date.**
4. **agree to report all cases of loaned property loss or damage to the Lender.**
5. **agree to not allow the program property to be modified, loaned, or transferred to a third party without the written permission of the Lender.**
6. **understand and acknowledge that this is United States Government Property. Title to the property is vested in and will remain with the United States and the property shall be used only for official purposes.**
7. **understand the Lender reserves the right to cancel to recall the loaned property upon 30 days notice.**

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Teacher Name Signature Date

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Principal Name Signature Date

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School Name