



Operation Bring STEM to Hogwarts: Action Plan: Implementation Plan

School/District: Hogwarts School of Witchcraft and Wizardry

Current Date: 2/1/19

Priority Area #1: Curriculum Integration			
SMART Goal: Before the final exams at the beginning of June 2019, the cross-curricular team members will conduct a pilot program to meet at least six times for a duration of one hour and implement two original integrated lessons.			
Action Steps	Responsible Team/Members	Target Completion Dates	Progress Notes
1. Cross-curricular team will collectively decide on a date and time for the first meeting as well as all subsequent meetings.	Professor McGonagall (MM), Professor Flitwick (FF), Professor Sprout (PS), Professor Snape (SS)	January 23, 2019	The cross-curricular team decided that the best time to meet would be Thursday evenings from 4:30-5:30 before supper and Quidditch practices every three weeks starting on January 31st, 2019.
2. Meeting 1: The cross-curricular team will meet to discuss how curriculum is currently integrated across their four subjects: transfiguration, charms, herbology, and potions. They will also begin brainstorming how curriculum could be integrated across the subjects.	MM, FF, PS, SS	January 31, 2019	
3. Meeting 2: The team will continue to discuss how curriculum could be integrated across the four subjects of the team members and discuss specific methods that could be successful.	MM, FF, PS, SS	February 21, 2019	

4. Meetings 3 and 4: Each member will partner with one other team member to brainstorm and design how to incorporate each other's subject in a lesson of their own design. Each partner is responsible for his/her own lesson and content. Each team member will then implement their first integrated lesson in class and write a reflection.	Team 1: MM, FF Team 2: PS, SS	April 24, 2019	
5. Meeting 5: Each team member will provide a synopsis of their integrated lesson, citing struggles and triumphs. The other three team members will provide constructive feedback that can be utilized for Lesson 2 and create Lesson 2.	MM, FF, PS, SS	April 25, 2019	
6. Lesson 2: With the constructive feedback, each team member will implement their second integrated lesson (of the same year level) and write a reflection. For the last meeting, the entire team will discuss the usefulness of the action plan and the potential to open the testing to more professors and multiple integration subjects for the following term.	MM, FF, PS, SS	May 30, 2019	

Priority Area #2: Career Awareness			
SMART Goal: Before the end of the term, June 14, 2019, all students will be exposed to three types of careers by attending a specialized field trip to each location.			
Action Steps	Responsible Team/Members	Target Completion Dates	Progress Notes

1. Staff will reach out to 10 different businesses/organizations to decide who would be willing to let students visit their facility.	Headmaster (HM), Professor McGonagall (MM)	February 1, 2019	The list of 10 include: The Ministry of Magic, The Leaky Cauldron, Ollivanders, Post Office, and Flourish and Blotts are far too small to accommodate 1,000 students at once. Multiple field trips would need to occur should these organizations be chosen.
2. Staff will choose 3 businesses/organizations (with 2 alternates) with unique career paths based on criteria decided by the staff to inquire about setting up field trips.	All faculty	February 15, 2019	Joint decision to choose Ministry of Magic, St. Mungos Hospital, and Gringotts Wizarding Bank because of the range of jobs/specialties available within the organizations.
3. Staff will contact selected organizations to decide when is best to schedule a field trip for all students. (~1,000 students)	HM, MM	March 1, 2019	Each organization is confirmed and is able to provide a 2-hour specialized visit for each year level with more time given for upper years, for a total of 14 hours to be spread across multiple days.
4. Field trip dates/times and organization correspondents during the tours will be finalized by the organizations and Hogwarts.	HM, MM	March 8, 2019	Initial thoughts - Ministry of Magic, March 11-13 (10-2 pm) St. Mungos - April 15-17 (11-3 pm) Gringotts - May 13-15 (10-2 pm)
5. Coordinate and complete professional visit to Hogwarts from each organization to discuss potential careers with students followed by field trip to the organization within the week. Each professional visit and field trip pair will be spaced out by roughly three weeks.	FF, SS, MM, HM	May 31, 2019	