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| **8th Grade Unit 1 2017-2018 Inventions for a Better World A Day**  |
|  | Blue | Red | Yellow |
| Week 1: Monday 9/11 | **Intro 1:** Intro to Classroom Culture & Routines **Intro 2:** Unit Intro **Intro 3:** Teamwork: Collaboration Design Challenge  | **Intro 1:** Intro to Classroom Culture & Routines **Intro 2:** Unit Intro **Intro 3:** Teamwork: Collaboration Design Challenge  | **Intro 1:** Intro to Classroom Culture & Routines **Intro 2:** Unit Intro **Intro 3:** Teamwork: Collaboration Design Challenge  |
| Week 2: Tuesday 9/19 | **Design Process 1:** Intro to design process **Design Process 2:** Design Challenge #1 **Project 1:** Intro to Individual Project  | **Design Process 1:** Intro to design process **Design Process 2:** Design Challenge #1 **Project 1:** Intro to Individual Project | **Design Process 1:** Intro to design process **Design Process 2:** Design Challenge #1 **Project 1:** Intro to Individual Project |
| Week 3: Friday 9/29 | **OFF-SITE: Museum of Modern Pinball**  | **Project 2:** Mentor Inventions **Design Process 3:** Process Lab - Designing a Better America **Project 3:** Individual Project Proposal | **OFF-SITE: Museum of the American Indian** |
| Week 4: Tuesday 10/10 | **OFF-SITE: Staten Island Makerspace** | **OFF-SITE: Museum of Modern Pinball** | **Project 2:** Mentor Inventions **Design Process 3:** Process Lab - Designing a Better America **Project 3:** Individual Project Proposal |
| Week 5: Wed. 10/18 | **Project 2:** Mentor Inventions **Design Process 3:** Process Lab - Designing a Better America **Project 3:** Individual Project Proposal  | **OFF-SITE: Museum of the American Indian** | **OFF-SITE: Staten Island Makerspace** |
| Week 6: Friday 10/27 | **OFF-SITE: Museum of the American Indian**  | **OFF-SITE: Staten Island Makerspace** | **OFF-SITE: Museum of Modern Pinball** |
| Week 7: Wed. 11/8  | **Design Process 4:** Design Challenge Day #2  | **Design Process 4:** Design Challenge Day #2 | **Design Process 4:** Design Challenge Day #2 |
| Week 8: Thursday 11/16 | **Project 4:** Individual Project Research, Conferencing, Schematic Drawing & Work Time  | **Project 4:** Individual Project Research, Conferencing, Schematic Drawing & Work Time | **Project 4:** Individual Project Research, Conferencing, Schematic Drawing & Work Time |
| Week 9: Tuesday 11/28 | **Design Process 5:** Design Challenge Day #3 **Project 5:** Getting Ready for Expo  | **Design Process 5:** Design Challenge Day #3 **Project 5:** Getting Ready for Expo | **Design Process 5:** Design Challenge Day #3 **Project 5:** Getting Ready for Expo |
| Week 10: EXPO Wed. 12/6 | **EXPO** |

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| **8th Grade Unit 1 2017-2018 Inventions for a Better World B Day**  |
|  | Green | Orange | Purple |
| Week 1: Tuesday 9/12 | **Intro 1:** Intro to Classroom Culture & Routines **Intro 2:** Unit Intro **Intro 3:** Teamwork: Collaboration Design Challenge  | **Intro 1:** Intro to Classroom Culture & Routines **Intro 2:** Unit Intro **Intro 3:** Teamwork: Collaboration Design Challenge  | **Intro 1:** Intro to Classroom Culture & Routines **Intro 2:** Unit Intro **Intro 3:** Teamwork: Collaboration Design Challenge  |
| Week 2: Wednesday 9/20  | **Design Process 1:** Intro to design process **Design Process 2:** Design Challenge #1 **Project 1:** Intro to Individual Project | **Design Process 1:** Intro to design process **Design Process 2:** Design Challenge #1 **Project 1:** Intro to Individual Project | **Design Process 1:** Intro to design process **Design Process 2:** Design Challenge #1 **Project 1:** Intro to Individual Project |
| Week 3: Monday 10/2 | **OFF-SITE: Museum of Modern Pinball** | **Project 2:** Mentor Inventions **Design Process 3:** Process Lab - Designing a Better America **Project 3:** Individual Project Proposal | **Project 2:** Mentor Inventions **Design Process 3:** Process Lab - Designing a Better America **Project 3:** Individual Project Proposal |
| Week 4: Wed. 10/11 | **Project 2:** Mentor Inventions **Design Process 3:** Process Lab - Designing a Better America **Project 3:** Individual Project Proposal | **OFF-SITE: Staten Island Makerspace** | **OFF-SITE: Museum of Modern Pinball** |
| Week 5: Thurs. 10/19 | **OFF-SITE: Museum of the American Indian** | **OFF-SITE: Museum of Modern Pinball** | **Design Process 4:** Design Challenge Day #2 |
| Week 6: Monday 10/30 | **OFF-SITE: Staten Island Makerspace** | **Design Process 4:** Design Challenge Day #2 | **OFF-SITE: Museum of the American Indian** |
| Week 7: Thurs. 11/9  | **Design Process 4:** Design Challenge Day #2 | **OFF-SITE: Museum of the American Indian** | **OFF-SITE: Staten Island Makerspace** |
| Week 8: Friday 11/17 | **Project 4:** Individual Project Research, Conferencing, Schematic Drawing & Work Time | **Project 4:** Individual Project Research, Conferencing, Schematic Drawing & Work Time | **Project 4:** Individual Project Research, Conferencing, Schematic Drawing & Work Time |
| Week 9: Wed. 11/29  | **Design Process 5:** Design Challenge Day #3 **Project 5:** Getting Ready for Expo | **Design Process 5:** Design Challenge Day #3 **Project 5:** Getting Ready for Expo | **Design Process 5:** Design Challenge Day #3 **Project 5:** Getting Ready for Expo |
| Week 10: EXPO Thursday 12/7 | **EXPO** |