

SAMPLE PROJECT DEVELOPMENT TIMELINE

How to develop your team project

| | | 3-WEEK PROJECT | 2-MONTH PROJECT | 4-MONTH PROJECT |
|---|--|----------------|-----------------|-----------------|
| Step 1: Brainstorming | Learn about the competition's rules. Show examples of past projects and have students name existing technologies they would like to explore. Form groups and give students a deadline to choose a topic. | Days 1–4 | Week 1 | Week 1 |
| Step 2: Getting to Know the Subject | Teach students about different research methods and about “sources” or a bibliography. Lead group discussion on interesting topics and what is already known about the technologies. Share various sources that can be used such as magazines, the Web, and books. Based on research done, each student should write a timeline and a summary of one or more topic's history. Find a mentor that fits the team and their idea. | Days 5–10 | Weeks 2–3 | Weeks 2–4 |
| Step 3: Understanding Technological Change | Have students present their examples in front of the class. Lead a discussion about how that technology could have evolved. Working in groups, students collect ideas about how their technology could evolve 20 years in the future, analyzing the consequences of their future technology and the breakthroughs necessary to achieve it. Present those ideas to the class. For homework have students refine drafts of their teams' “Future Technology and Breakthroughs” project section. | Days 11–14 | Weeks 4–5 | Weeks 5–8 |
| Step 4: Testing the Idea | Each group should present its future technology to the class. Encourage students to consider the pros and cons of their visions. For homework, work with students on the “Consequences” section. | Days 15–16 | Week 6 | Weeks 9–12 |
| Step 5: Presenting the Project | Students prepare the project entries and draw out plans for the sample web pages (5) including images of future technologies. For homework, complete all sections of the description and begin to write the abstract and bibliography. | Days 17–20 | Week 7 | Weeks 13–15 |
| Step 6: Final Look | Make last minute revisions. Double check project registration and submit a complete the project on-line. | Day 21 | Week 8 | Week 16 |

For sample projects and more information about how you can incorporate ExploraVision into the curriculum, please visit www.exploravision.org

