

**CONNECTICUT STEM FOUNDATION, INC.**

**CURRICULUM FOR A HIGH SCHOOL STEM RESEARCH PROGRAM**

**YEAR 1 or ADVANCED**

**DEADLINES FOR SCIENCE FAIR**

ITEM	DESCRIPTION	DUE DATE
Article Summaries	1.Choose 6 STEM related articles that are <i>most</i> interesting to you. Find articles that go with 3 potential topics that you are interested in. 2.Create a system for keeping track of the articles you read. 3.Product: Summary of each article using CER article worksheet.	OCT 5
Mentor Contact Sheet	1.Choose 4 possible mentor/scientists to contact. 2.Contact them via e-mail. 3. Product: Mentor Contact Sheet that includes: Mentor name Research location/affiliation (where they work) Email address What they research Your questions Their feedback/advice if applicable	OCT 10
Research Question and Literature Review Presentation	1.Formulate your research and review the relevant research that has already been conducted on your topic. 2.Prepare 10 article summaries that relate to your selected research topic. 3.Product: Slide Show Presentation OR Submission of Summaries	OCT 20
Abstract of Research Project	1.Abstract must meet all requirements for Science Fair entry. 2.Product: Completed Abstract	NOV 1
Research Proposal	1.Presentation to peers of your Research Proposal OR Written submission of your Research Proposal to Science Review Committee. 2.Product: Slide Show Presentation OR Written Proposal Submission	NOV 15
Final Abstract	1.Submit final abstract to Science Fair	DEC 9

ITEM	DESCRIPTION	DUE DATE
Poster/ Research Binder	1.Create Trifold Poster for your Research Presentation 2.Create a Research Binder containing printed out articles, notes and lab notes	JAN 10
Presentation	1.Prepare a presentation of your Research Project 2.Product: Presentation Script	JAN 15
Poster Presentation	1.Present your poster to the class. 2.Revise poster, based on feedback from your peers	JAN 20
Mock Science Fair	1.Present your Research Project to the “judges” in a mock science fair format. 2.Revise your presentation, based on feedback from the “judges”	JAN 30