

### Ohio Invention Convention Pacing Guide 6 Weeks

	Topic	Activity	Materials
Week 1	Introduction to Inventing	What is invention? Explanation of the Invention Process Introduction to the Invention Log	Access to the internet  Notebooks writing utensils (Note: once students are introduced to the Invention Log, they should have it with them every day.)
Week 1 and 2	Identifying	SCAMPER Object Every Day Ask your Adults! Discuss the problems they are hearing about Research your problem	Everyday objects
Week 3	Understanding	Introduction of the Judging Rubric Research your problem Does my solution already exist?	Access to the internet
Week 4, 5	Designing	Intent to Invent	Intent to Invent worksheet
	Building	Nuclear Waste/Garbage Spill or Jungle Survival  Build your Prototype Show off your prototype	Materials for students to build with (e.g. construction paper, paper clips, clay, etc.)
	Testing	Paper Airplane Fun  Test your Prototype	Paper, different types to make paper airplanes
	Iterating	How can I Improve my Design? Time to Make Changes	Prototypes
Week 6	Communicating	Display Board Design	Display boards, computer and printer access, scissors, glue
		What Should I Say? Script your Presentation	Paper and writing utensils or access to computer

		Invention Log Clean Up/Finish Up	Prototype, display board, log
	Wrap Up	Practice Presentation with Peers	Prototype, display board, log