Lesson Topic/Subject: SS11: WWII - New Technology (5 of 8)   **Time:** 80 minutes

Critical Question: How does technology effect our past and present?

Rationale: This lesson hopes to get the students thinking of the positive and negative effects that technology has on our lives today, and on our world's history.

Objectives:
Curriculum related: - demonstrate effective research skills, including accessing, organizing and presenting information
- demonstrate effective written, oral, and graphic communication skills
- Assess World War II impact and role of Canada.

Lesson Objectives (SWBAT): - Work collaboratively to teach classmates about new technology's impact on the Second World War. (jigsaw participation)
- identify the new or advanced technologies utilized during WWII.

Assessment:

Formative Assessment
- Assess level of conversation from the hook and introduction. - Completed note task on each technology - What stuck with you? stickie note

Body of the lesson: Hook, Strategies, Closure:

Time	Teacher will:	Student will:
5-10 minutes	**Hook:** "I know not with what weapons World War III will be fought, but World War IV will be fought with sticks and stones." -- Albert Einstein	- Discuss the quote. What did he mean by that?
5-10 minutes	**Introduction:** What is one of the newest technologies do we have today? What does it allow us to do that we couldn't before?	- Could this technology be used in the next world war?

20-30 minutes	**Strategies:** **Jigsaw:** Split student into even "expert" groups and assign them one type of technology. These expert groups will read resources and watch clips on their technology, becoming experts. Blitzkreig/Tank Warfare Rise of the airplane (Rocketpower) A-bomb (nukes) Radar **You may print the resources if desired, or may provide access to the internet via library computers, or other personal devices**	- Using the resources provided (and adding your own if you can), become an 'expert' around your assigned technology. - You will be responsible for giving this information to your classmates - please come up with a plan on how to present your information! **Questions to Consider:** - Is there a specific site or battle where your technology dominated? - How was it produced, where and why? - How did Canada contribute to this technology (if they did). - How does this compare to a technology that precedes it? **(Resources listed below)**
20-30 minutes	The experts will then split off into other groupings, where that must teach the others about their technology's significance to WWII.	- Now share your expert knowledge with the experts from the other groups. There will be one expert from each type in your group. - Fill out a sheet of notes based on the other's presentations.
5 minutes	**Closure/Extension:** Exit Slip.	K/W/L Exit Slip. Record two things you knew before, still wonder about and learned in today's activity.

Modifications	Adaptations	Extensions
	- Students with written output issues can record the conversations in jigsaw groups	How do we use the technologies and sites from WWII today?

Materials/Resources:

Materials	Resources	Resource people
WWII New Technology note sheet (should you wish to provide students with a particular note-taking skill) Know-Wonder-Learn Exit Slip	**A-Bomb:** 1.www.atomicarchive.com/History/mp/ 2. nuclearsafety.gc.ca/eng/readingroom/factsheets/Canadas-contribution-to-nuclear-weapons-development.cfm 3. www.history.com/topics/bombing-of-hiroshima-and-nagasaki 4. www.history.com/videos/atomic-bomb-ends-wwII#atomic-bomb-ends-wwII **Airplane and Rocketpower:** 1. en.wikipedia.org/wiki/Attack_on_Pearl_Harbor#Approach_and_attack 2. militaryhistory.about.com/od/artillerysiegeweapons/p/v2rocket.htm **3.** www.youtube.com/watch?v=I1xfBuqRByM&list=PLKfjCLEr3gqbQTQZrU18qg2wl68Cd7xSt **(6:00-9:00)** **Radar:** **1.** www.youtube.com/watch?v=I1xfBuqRByM&list=PLKfjCLEr3gqbQTQZrU18qg2wl68Cd7xSt **(9:00-13:30)** 2. www.ieeeghn.org/wiki/index.php/Radar_during_World_War_II 3. www.bbc.co.uk/history/topics/radar **Blitzkreig:** 1. www.ushmm.org/wlc/en/article.php?ModuleId=10005437 2. www.bbc.co.uk/history/worldwars/wwtwo/blitzkrieg_01.shtml 3. www.youtube.com/watch?v=gUjrnlMAtQ4 4.	EA to support student learning (if one is assigned)

Exit Slip: Know-Wonder-Learn

Name: _____   Date:_____

What I knew	What I Learned	What I Wonder