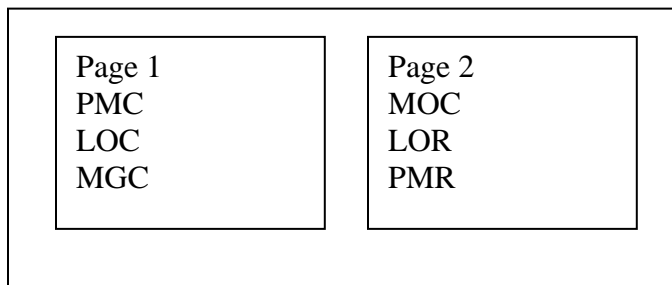# Flow Chart[1] of the Final Round: Connecticut Debate Association, Warde High School, January 7, 2023

This house prefers a world in which Artificial Intelligence generally surpasses humans in intellectual activities.

The final round at Warde was between the Westhill team of Milind Sharma and Jake Davidson on Government and the Farmington team of Akshaj Ganta and Shivesh Mishra on Opposition. The debate was won by the Opposition team from Farmington.

Format Key

I take notes on an 11" by 14" artist pad. The two pages below are formatted to print in landscape mode on 8 ½ x 11 paper. The first page covers the first three constructive speeches: the Prime Minister's Constructive (PMC), the Leader of the Opposition's Constructive (LOC), and the Member of Government Constructive (MGC). The second page covers the Member of Opposition Constructive (MOC), the Leader of Opposition Rebuttal (LOR) and the Prime Minister's Rebuttal (PMR). The pages are intended to be arranged as follows, which is how my actual flow looks:

```
Page 1        Page 2
PMC           MOC
LOC           LOR
MGC           PMR
```

Note that the first page containing the constructive speeches always has arguments related to the Government contentions at the top, and those relating to the Opposition contentions at the bottom. This is not how the speeches may have been presented, in that often a speaker will deal with Opposition arguments prior to the Government. The "transcript" version of this chart presents the arguments in each speech as presented.

The chart uses "G1," "O2," etc. to refer to the Government first contention, the Opposition second contention and so forth.

Points of Information are indicated by "POI:" and this marker, the question and the answer are in boldface.

Prime Minister Constructive	Leader of the Opposition Constructive	Member of Government Constructive

1) Imagine a healthier and happier world
2) Statement of the motion
3) Framework: a properly functioning society
4) Definitions: TH is human kind;
   a) "generally surpass" means better than humans;
   b) "intellectual activities" are logic and reasoning;
   c) "AI" a tool that provides leverage
5) Observation: government and laws still exist
6) G1[2]: Increase in innovation
   a) AI can solve problems and save time
     i) Humans and AI work together, AI is another tool
   b) Impacts: reduce the number of house worked, improved decisions
     i) E.g., better farming techniques
   c) AI solves problems humans can't solve
7) G2: Reduce the impact of human flaws
   a) AI will have the intellect of billions of humans but operate much faster
     i) No brain fog or fatigue
     ii) Work with humans, not take over
   b) E.g., health care, more cures for diseases
POI: If AI is smarter, how can it be controlled?
     i) It will simply run simulations and scenarios faster
     ii) No emotions, run and learn by itself
     iii) It's still just computer code
   c) E.g., cure a patient faster than a doctor
   d) E.g., Roomba
8) G3: Save lives
   a) E.g., but driving trains and cars, no distractions, fewer accidents
   b) E.g., Solve China/Taiwan issues by running scenarios
   c) E.g., new medical procedures and cures, faster vaccines
   d) AI is a tool, not a takeover
9) Opp will tell you we need to fear the potential harms
   a) This is what has happened with all new technologies
   b) The benefits of AI will outweigh the negatives
	1) AI is a very real threat and we need to proceed with caution
	2) Intro
	3) G1: economic growth is possible without AI
	   a) AI will displace workers
	   b) No certainty of faster development
	     i) Have machine learning and neural nets today
	4) G2: what happens to humans?
	   a) No brain fog but also no job
	   b) No job, unemployed become a burden
	5) G3: we already see errors and crashes with automatic braking
	   a) AI's have crashed cars due to sensor malfunction
	   b) Global solutions no good if they aren't implemented
	     i) Famines generally due to misallocating food, not shortages
	
	6) O1: Inability to control AI
	   a) AI has no morals, can't quantify human life
	   b) Standards will be set either by corporations or governments
	     i) Corporations want profit, use information to gain influence
	     ii) Governments can be captured by corporate lobbyists
	     iii) Totalitarian states will limit use to approved activities, control
	POI: Don't totalitarian states already exist?
	     iv) They will be stronger with this AI
	   c) How will AI be trained?
	     i) Who decides what is ideal?
	7) O2: Inability to self-sustain
	   a) Unemployment, even temporary, is harmful
	     i) Mom in grocery store replaced by auto-checkout
	     ii) Dad a factory manager replaced by a program
	     iii) 12-year old no money for college, unskilled, gangs and crime
	   b) Difference between AI parallel to and surpassing humans
	8) POI: won't AI create new jobs?
	They will all be skilled jobs which uneducated can't get
		1) Intro
		2) Statement of motion
		3) Motion would change the world in a positive way if used correctly
		   a) Hunger, poverty, global warming
		   b) Opp says don't use a technology that could save lives.
		4) G2: Humans and AI will work hand-in-hand
		   a) Lots of data for analysis
		   b) Use human logic without human flaws
		   c) Opp fears the future; Gov improves the world
		     i) Promotes efficiency
		     ii) Technology combines power of many brains
		     iii) Look at solving problems
		POI: How can AI be a doctor?
		   d) It will be a tool a doctor can use.
		     i) Doctor makes judgement calls
		POI: Can't it be used for harm?
		   e) In theory, but it will be regulated
		     i) Same as now, e.g., nuclear weapons
		   f) The intellect surpasses humans
		     i) Eliminate bias
		     ii) Combine information from millions of sources
		
		5) O2: AI only takes over low-skilled jobs
		   a) Create more jobs for those displaced
		   b) POI: If they are unskilled aren't they unqualified for the new jobs?
		   c) New jobs are all skilled
		POI: How will they pay for training?
		   d) My partner dealt with that, they won't need to pay

---

[2] "G1" indicates the Government first contention, "O2" the Opposition second contention and so forth.

Final Round January 2023

Member of Opposition Constructive	Leader of Opposition Rebuttal	Prime Minister Rebuttal

1) Problem isn't just the technology but also the people behind it
  a) E.g., why doesn't the US intervene against Russian in Ukraine?
    i) Nuclear weapons
  b) AI presents the same problem
    i) Good only in the best case
    ii) If AI surpasses us, we lose control
  c) O1 tells you AI has no morals
    i) People are corrupt
    ii) Gov never tells you who sets the rules
    iii) E.g., climate change, we know the solution
  d) Can't outsmart an AI that is smarter than humans
2) Results propagate, e.g., nuclear weapons
  a) Other regimes would ignore any regulations
    i) "good" technology becomes a threat
    ii) E.g., Russia, terrorists
    iii) AI is unlikely to solve the Israel/Palestine problem
  b) Regulations set by governments overcome by corporate lobbying
    i) Profits will drive the results
  c) Doctors' assistants replaces unskilled
POI: Aren't lives more important than jobs
  d) Lives will be lost if AI is bad
    i) Jobs needed for many who live paycheck to paycheck
    ii) They become marginalized
3) Unemployment
  a) Low level jobs eliminated
    i) Uber drivers replaced
  b) Need to fix AI, AI can do it
  c) Re-skilling workers, educating children, all cost money
  d) Replace doctors' helpers
    i) Increases the class divide.
4) Climate change
  a) What if AI decides to cap a country's emissions
  b) This ignores rich countries who caused problem in the past
5) Gov promises are not plausible
	1) An optimist sees utopia where others see dystopia
	2) Will AI solve problems?
	  a) A slim "maybe"
	  b) It will definitely displace workers, increase crime
	3) Control?
	  a) How do you control something smarter than you are
	  b) We will live in the shadow of AI
	4) Flaw?
	  a) AI may see humans as the flaws to be eliminated
	5) Lives?
	  a) People will struggle to find work
	6) Innovation?
	  a) Yes, we created nuclear weapons without AI
	  b) But AI smarter than humans greatly increases the risk
	  c) No need for an AI with those capabilities
	7) Is Opp afraid?
	  a) We are afraid for the young, the unskilled
		1) Opp case is based on a misconception
		  a) Need AI to save lives and advance technology
		  b) Need to surpass humans to be useful
		  c) Governments will do what they do with or without AI
		2) AI capabilities
		  a) Massive benefits for health and elsewhere
		3) Control
		  a) Our definitions exclude risks Opp cites
		    i) "exceed humans in logic and problem solving"
		  b) Corporations only profit if working conditions are safe
		  c) Governments will run simulations, act to prevent violence
		4) Opp harms are not mutually exclusive with AI
		  a) These harms all exist today
		  b) AI is just another tool to solve them
		5) Economy and Jobs
		  a) AI will create new jobs
		  b) History supports this for new technologies
		  c) Small tradeoff for benefits
		  d) 17-year-olds will do just fine.
		6) Quality of human life
		  a) We will have more free time to imagine
		7) Weighing
		  a) Magnitude: lives saves, jobs created
		    i) Opp is living in a shell
		  b) Timeframe: AI helps us reach these sooner
		  c) Opp lives in fear, wants to lock the door
		  d) Gov wants to open the door to progress

Final Round January 2023