

Reasoning matrix by Bianca Rose Phillips.

Debate/Conversation topic:

Problem statement:

Potential ways of solving the problem	What do you need to do to turn each option into a reality?	Basis for each option	Facts/Evidence in support of each premise for each option	Type of evidence used to support each premise (e.g. studies, anecdote)	Facts/Evidence going against each premise for each option	Type of evidence used to go against each premise (e.g. studies, anecdote)	Grey areas – i.e. there is no answer. It is mere opinion at this stage	Strength of argument Red light (argument doesn't stand), Orange light (it is still unclear) or Green light (there is an acceptable argument and we can explore further)
Option 1	Step 1 Step 2 Step 3 Step 4	Premise 1 Premise 2 Premise 3	Evidence for Premise 1 Evidence for Premise 2 Evidence for Premise 3	Type of Evidence for Premise 1 Type of Evidence for Premise 2 Type of Evidence for Premise 3	Evidence against Premise 1 Evidence against Premise 2 Evidence against Premise 3	Type of Evidence against Premise 1 Type of Evidence against Premise 2 Type of Evidence against Premise 3	Grey areas on Premise 1 Grey areas on Premise 2 Grey areas on Premise 3	
Option 2	Step 1 Step 2 Step 3 Step 4	Premise 1 Premise 2 Premise 3	Evidence for Premise 1 Evidence for Premise 2 Evidence for Premise 3	Type of Evidence for Premise 1 Type of Evidence for Premise 2 Type of Evidence for Premise 3	Evidence against Premise 1 Evidence against Premise 2 Evidence against Premise 3	Type of Evidence against Premise 1 Type of Evidence against Premise 2 Type of Evidence against Premise 3	Grey areas on Premise 1 Grey areas on Premise 2 Grey areas on Premise 3	

Option 3	Step 1 Step 2 Step 3 Step 4	Premise 1 Premise 2 Premise 3	Evidence for Premise 1 Evidence for Premise 2 Evidence for Premise 3	Type of Evidence for Premise 1 Type of Evidence for Premise 2 Type of Evidence for Premise 3	Evidence against Premise 1 Evidence against Premise 2 Evidence against Premise 3	Type of Evidence against Premise 1 Type of Evidence against Premise 2 Type of Evidence against Premise 3	Grey areas on Premise 1 Grey areas on Premise 2 Grey areas on Premise 3	
Option 4	Step 1 Step 2 Step 3 Step 4	Premise 1 Premise 2 Premise 3	Evidence for Premise 1 Evidence for Premise 2 Evidence for Premise 3	Type of Evidence for Premise 1 Type of Evidence for Premise 2 Type of Evidence for Premise 3	Evidence against Premise 1 Evidence against Premise 2 Evidence against Premise 3	Type of Evidence against Premise 1 Type of Evidence against Premise 2 Type of Evidence against Premise 3	Grey areas on Premise 1 Grey areas on Premise 2 Grey areas on Premise 3	
								Winning argument – Option 1,2,3 or 4?