Flocking html

Flock of Birds video - part 1

**CC1**
and

**CC2**

**CC3**

**CC4** What problem did he demonstrate...

SHORT ANSWER question - **NOT** fill in the blank

**CC5** Multiple choice (one best answer)

\[ a = \oplus \quad \text{or} \quad b = \boxplus \quad \text{or} \quad c = \bigcirc \]

**CC6**

"... key frames to key frames."

"... to ___ and ___ of the ___"
Create a video: Creating a Flock of Birds—Part 2

CC7

CC8

up to

CC9

off its

CC10

is a

CC11

and our 2nd number

is the

of wiggle.

Fill in the blanks—creative cow video—CC7 to CC11

NL1: i, ii, and iii

NL2: Term i, Term ii, Term iii

Use a dictionary—define each term—and show derivation for each term.
Ghostbusters and waggle dancing bees

GBc Venkman—short answer/discuss
GBc Stantz—"/
GBm Egon Spengler—"/
GBiv 3D's of the bees—fill in blanks

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i. Our goal—“determine the problem’s objective”
ii. “study the situation” Look up the dictionary definition of the word “situation”
iii. “identify the problem precisely”
iv. “understand its fundamental questions clearly”
v. “clear, precise problem identification”
vi. “translate the problem into”... and then be ready for STEP 2 Formulate the Model, which here is anticipated as the GOAL, to “develop and solve the model”.

GB1 - Take home test question is writing and exploring task. Journal, note take, write and clarify. Make a connection to ghost.txt and/or waggle.txt.

6 part journal/write/Note-taking exercise GB 1, as in Ghostbuster #1 question on the take-home test.
GB2 – Take home Ghostbusters GB question #2. **Step 2: Formulate a Model from the Shiflet book and Steps of the Modeling Process module.** Explain in notes and in reference to ideas from waggle.txt (waggle dancing bees and Ghostbusters) and ghost.txt (Ghostbusters and problem solving) that you see a possible connection to Dr. Raymond Stantz and the Develop a PLAN, i.e. focus on the HOW, develop; the PLAN, i.e. ALGORITHM, the recipe. This should be only a paragraph or a few paragraphs.

GB3 – **Step 3: Solve the model.**

The 2nd sentence here is key. In light of the ghost.txt Ghostbaster’s readings and in light of the waggle.txt Waggle Dancing bees readings, please explain WHY – “It is important not to JUMP to this step before THOROUGHLY UNDERSTANDING the PROBLEM (step #1) and DESIGNING THE MODEL (step #2). Dr. Egon Spengler represents this

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Using the book, your notes, and the above Group 1, Group 2, and Group 3 summaries and sets of ideas - discuss what you have learned about the concept of Decentralization. Feel free to free-write and/or ink shed about it first. You might surprise yourself and discover some angles you never would have dreamed you would uncover. Or ink shed and free write about it afterwards, when you have written your one page of thoughts already. With the concepts fresh in mind, free writing lots of words really fast might uncover a gem of an insight or phrasing you did not anticipate.

Please turn about one page of your thoughts, insights, confusions, and/or connections (to your major, hobbies, interests, career goals, citizenship, current events) with the Reemick Turtles, Territorial and Traffic jams focus on this agent based modeling (NetLogo was our software vehicle) concept he stresses.

**DC** = Decentralized thinking question = one page of...