

SiQuENC for		
Neatly and graphically represent S ituation(s)	<ol style="list-style-type: none"> 1. Read a few words. 2. Make sure the meaning of those words is illustrated in your sketches/tables. 3. Underline the words. 4. Repeat with the next few words, if any. 	<ul style="list-style-type: none"> • Draw bubble around system. • Draw dot for each “particle.” Label: <ul style="list-style-type: none"> • At/Through: • Axes:
Graphically represent Q uantities		
Identify allowed E quation(s)		
A Nalyze	Cross out quantities that are obviously 0.	
	Substitute constitutive relationships.	
	Perform algebraic and proportional reasoning.	
C ommunicate	“The system is the”	
	R ecipe	<p>“By [relationship], the [quantity] [prepositional phrase] ... equals [or is proportional to] ...”</p> <p>“The ... is 0, so, by [relationship], the [adjective] [quantity] [prepositional phrase] ... [verb]”</p> <p>“... the [total quantity] ([quantity 1] [prepositional phrase 1] [plus] ...) ...”</p>
	E qual	“The ... stays the same.”
	A ltered	“The ... [increases/decreases]”
	S o what?	“So the ... must”
	N ext?	(Check whether you’ve addressed all directives).