

INB Rubric – Electrochemistry

Required Elements	5	4	3	2	1	0
<u>Spread 1: Unit Information</u> 1. Mastery Tasks Checked off as demonstrated 2. Unit information organized in appropriate flow 3. Additional/personal notes and reminders added into margins and activities	n/a	n/a	3 out of 3	2 out of 3	1 out of 3	None
<u>Spread 2: Galvanic vs. Electrolytic</u> 1. Virtual lab data completed 2. Virtual lab analysis completed 3. Anode, Cathode, E_{cell} info filled in on both sides 4. Particle and cell diagrams complete and labeled on both sides 5. Free energy calculations and spontaneity complete and noted at the bottom on both sides	5 out of 5	4 out of 5	3 out of 5	2 out of 5	1 out of 5	None
<u>Spread 3: Cells at Standard and Nonstandard Conditions</u> 1. Topic 9.8 Questions (Cell Potential and Free Energy) complete 2. Topic 9.9 Questions (Cell Potential Under Nonstandard Conditions) complete 3. Equations on front side of foldable labeled 4. First two flaps complete and correct 5. Bottom 3 flaps complete and correct	5 out of 5	4 out of 5	3 out of 5	2 out of 5	1 out of 5	None
<u>Spread 4:</u> 1. 2015 FRQ #1: good-faith attempt: parts a-b 2. 2015 FRQ #1: good-faith attempt complete: parts c-e 3. 2015 FRQ #1: all work corrected 4. Faraday's Law POGIL complete Models 1-2 5. Faraday's Law POGIL complete Models 3-4	5 out of 5	4 out of 5	3 out of 5	2 out of 5	1 out of 5	None

Results:

14 – 18 = 😊

10 - 14 = 😐

0 - 9 = 😞

Score:

_____ / 18

