

Figure 2.9 Checklist for Constructing Science Anchor Charts

Identify the purpose for using an anchor chart to scaffold skills such as:	Check off ✓	Date
1. Identifying cause and effect		
2. Comparing and contrasting		
3. Making connections		
4. Note-taking		
5. Writing notebook entries or any writing assignment checklist for students that includes: <i>I have used correct grammar.</i> _____ <i>My spelling is correct.</i> _____ <i>My sentences begin in different ways.</i> _____ <i>My sentences are complete, with no run-ons.</i> _____ <i>I have capitalized the first word in each sentence, people’s names.</i> _____ <i>I used a lot of describing words.</i> _____ <i>My ideas are written in my own words.</i> _____		
6. Sequencing steps for problem solving and investigations		
7. Answering investigative questions by defining terms frequently encountered		
8. Writing out steps for answering investigative questions such as, “What do penguins eat?” “Where do the different types of penguin live?”		
9. Collecting and graphing data—How do you collect data?— <i>first</i> , write a question, <i>second</i> , survey a group of people or collect information from observations, <i>third</i> use a “t” table to record data, and <i>fourth</i> plot data on a graph (bar graph for younger students, line graph for older students).		
10. Making inferences . . . putting the pieces together (infer, inferring, inference) and making sense out of what data have been collected		
11. Retelling what happened in the activity or investigation <i>Provided the name of the investigation.</i> _____ <i>We worked on</i> _____. <i>We described what was done.</i> _____ <i>We described the location where the investigation took place (in classroom, outside, etc.).</i> _____ <i>We listed the materials used.</i> _____ <i>We told what happened using a step-by-step process.</i> _____ Students answer the following questions: <ul style="list-style-type: none"> • <i>What was found?</i> • <i>What were the results?</i> • <i>What conclusions can be drawn based on the data collected?</i> 		

Source: Modified and adapted from the following sources: <http://grrec-k-3literacy.wikispaces.com/file/view/Anchor+Chart+Participants+Handout.pdf>; <http://www.cornerstoneliteracy.org/newsletter-archive/anchor-charts>.



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