**Cut up so students can match up the terms and activities.**

|  |  |  |
| --- | --- | --- |
| **Stage 1: Breakdown the problem** | | |
| **Stage 2: Design the solution** | | |
| **Stage 3: Implementation** | | |
| **Stage 4: Review** | | |
| **Checking to see if you have all the data and resources you need to solve a problem.** | **Can we even solve the problem that has been given to us?** | **Could the problem be solved in parts or does it have to be solved in a whole to work?** |
| **Is it possible to split it into sub programs?** | **Has someone solved this problem before? If so what have they done?** | **Make a detailed list on what needs to be done to solve the problem.** |
| **Any patterns to be looked at? Can we reuse any ideas/code?** | **Review similar problems** | **Draw up visual diagrams to support planning.** |
| **Double check that what you have planned meets the requirements.** | **Is this correct? Are the features I’m adding important?** | **What improvements can I add?** |
| **Have we solved it or do we have a long way to go?** | **Anything that can be reused for future ideas?** | **Does it meet the client requirements?** |