Hint and Challenge Cards

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| **Hint** | **Challenge** |
| The blades are key for catching the wind- are they large enough? Are the secure? | Explain the key design feature of your turbine- why will it be a success? |
| Is your wind turbine proper secured to the table? Have you secured it in a way that will allow the pencil to turn? | How could your turbine be adapted to cope with different wind speeds (or different speeds on the hair dryer) |
| What design features from the turbines we have looked at could you add to your turbine? | What is happening to the energy of the wind (hair dryer) as it hits your turbine? How is it being affected or changed? |

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