Project Ideas Pros and Cons- Please check your choice

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| Experiment | Pros | Cons |
| **Broccoli shoots or pea sprouts** | 1. Rich in vitamins 2. Fast germination 3. Can be eaten as a shoot (sprout) 4. Start as seeds 5. May grow a large number considering the space 6. Easy to get the seeds 7. Mrs. Pyne (Cami’s mom that is an experienced plant person)thought it was a good idea! | 1. may need watering more frequently  2. may germinate too quickly |
| **Mini Aloe Vera** | 1. used for burns  2. can grow in low light conditions  3. mature plants 3-8 inches  4. high vitamins & minerals (not sure of the taste  5. stores water | 1. may not be able to have more than one or 2 plants per sections since it needs room  2. 60 -180 days to germinate  3. may be difficult to start form seed or keep plant alive prior to reaching ISS |
| **cilantro** | 1. could start from seeds  2. considered a mini green  3. high in vitamins and minerals  4. fairly fast germination  5. well known | 1. needs very large amounts of water  2. grows fast may become too large too quickly  3. can be very difficult to start from seeds |
| **Moss rose** | 1. thrives in hot dry places  2. Could start with seeds or bulbs so live plants do not have to be loaded into the ArduLab at the launch area by others. | 1. not well known  2. may be difficult to get the seeds  3. Germination 1-2 weeks which could be ½ the time we have. |