# Drone search

## Assessment

### Drone photography application

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| Criteria | Beginning | Achieved  | Exceeded |
| Problem identification | Describes the problem. | Describes the problem with reference to key features. | Describes the problem with reference to key landscape and time-related features. |
| Needs analysis | Explains the need with reference to a stakeholder. | Explains the needs of a range of stakeholders.  | Explains the needs of a range of stakeholders in the short and long term.  |
| Solution design  | Designs a drone solution. | Designs a drone solution that meets the needs of key stakeholders.  | Designs an innovative drone solution that meets the needs of key stakeholders  |
| Model construction | With guidance, works collaboratively with other students and uses some tools and techniques.  | Works collaboratively with other students and safely uses tools and techniques.  | Works collaboratively with other students to support own and others’ safe use of tools and techniques.  |
| Model design  | The model shows some features of the problem and drone solution.  | The model demonstrates key features of the problem and drone solution.  | The model demonstrates key features of the problem and drone solution, and clearly shows the value of the solution.  |
| Communication  | Uses technologies to explain the problem and drone solution using some technical terms.  | Uses appropriate technical terms and technologies to communicate to a teacher and peer audience.  | Uses appropriate technical terms, representations and technologies to persuade a teacher and peer audience.  |