

## Criteria for identifying Able, Gifted and Talented Students at Hethersett Academy

### Department: **Mathematics**

#### Whole Academy Criteria:

- Enthusiasm and curiosity for the subject and for learning
- Ability to quickly grasp new concepts, content and vocabulary
- Keen to develop their work and extend their ideas
- Willingness to work independently and outside of lesson time
- Ability to put/use a new idea in context
- Clear communication, justification and reasoning

#### Department Specific Criteria:

- Level 5a or 6 on arrival complemented by a good performance in the GL test
- Quick to understand and apply knowledge and skills in creative and original ways
- Often take valid and unexpected short cuts
- Able to apply their knowledge in new and unfamiliar contexts
- Work systematically and accurately
- Reason logically and see flaws in arguments
- Ask questions that show clear understanding and curiosity
- Make connections between the mathematics they have learned and are able to reverse mathematical processes