

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

Department: **Science**

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:

- Show evidence of active interest in scientific or technology subjects outside of lessons
- Willingness to pursue and take part in extra-curricular clubs and activities, either organised by the school or supported by home
- Rapidly links facts and concepts they have learned with new ideas
- Shows evidence of significant background learning and prior knowledge in areas of topics being learned
- Meticulous approach to accuracy in measurements, presentation of work
- Takes great care and precision in practical activities
- Uses an particularly wide ranging and accurate scientific vocabulary
- Achieve level 7 at the end of KS3
- Scoring in the top 5-10% on their year 7 or year 9 Cognitive Ability Tests