



All of our IRIS student research projects build transferable skills for life. We have mapped the projects against three frameworks to allow you to see the skills your students can develop by doing an IRIS project as well as how they can help you attain the Gatsby benchmarks.

# Student research projects and skills development

## Skills Builder Universal Framework

### All IRIS projects

Creativity  
Problem solving  
Planning  
Adapting  
Teamwork  
Leadership

### Students who attend a masterclass or conference

Speaking  
Listening

## Gatsby Benchmarks

3. Addressing the needs of each student
4. Linking curriculum learning to careers
5. Encounters with employers and employees
7. Encounters with further and higher education

Innovation Skills Framework	BigData Atlas	Carbon Researchers	Cosmic Mining	DNA Origami	Elephants on the Move	Earth Observation	Future Flight	Greener Fragrances	Wild Things	Original Research
Strategic thinking								█		█
Problem solving	█	█		█		█			█	█
Pattern recognition			█		█	█				
Interpretation	█		█		█	█	█			
Evidence gathering		█		█	█	█			█	█
Environmental scanning				█						
Decision making	█	█					█		█	█
Critical analysis	█		█	█		█	█	█		
Comparative reasoning			█	█	█				█	█
Negotiation			█				█			
Feedback			█		█					
Delegation							█			
Communication	█	█	█	█	█	█	█	█	█	█
Active listening							█			
Resource evaluation		█			█	█		█	█	█
Prioritisation									█	█
Organisation	█	█			█		█	█	█	█
Modelling	█			█	█	█	█	█		
Forecasting						█				
Synthesis			█	█				█		█
Mental agility					█			█		
Creativity		█		█	█		█			█
Abstract thinking	█		█	█			█	█		
Self-regulation		█			█			█		█