School planning form 2024-25

AMGEN® Biotech Experience
Scientific Discovery for the Classroom
United Kingdom

Contact details

Name of school	
Teacher name	
Email address	
Technician name	
Email address	
First point of contact	Name: Phone:

Planning – please suggest two dates for start of kit loan

Dates of kit loan	1st choice: 2nd choice:

Please select: Standard kit OR MiniOne kit:

Practical activities planned	Year group	Intended no. of students	Initial risk assessment undertaken
1 – Some tools of the trade			
2 – Beginning to clone a gene			
3 – Building a recombinant plasmid			
4 – Verifying pARA-R is present using PCR			
5 – Checking you've created a recombinant plasmid			
6 – Inserting recombinant plasmids into bacteria			
7 – Correlating DNA fragment size (genotype) with phenotype			
2a – Examining the engineered plasmid pARA-R using restriction digestion			
4a – Examining the engineered plasmid pARA-R using PCR			
5a – Verifying the engineered plasmid pARA-R			
6a – Inserting recombinant plasmids into bacteria			
7a – Correlating DNA fragment size (genotype) with phenotype			
9 – DNA profiling			
Orangutan			
Otter			
Suncatchers			

Please return to stem@herts.ac.uk

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