

## Hands-on DNA: *Bacterial Evolution* – Evaluation

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### Schedule

When	What	Who
3 Nov 2011 – Academy	Post-academy questionnaire	All academy attendees
Mid Nov	<b>An email questionnaire</b> ; this would be a brief questionnaire to chase-up any issues from the feedback forms and any thoughts they have had since the academy.	All academy participants
Mid Feb	<b>Email questionnaire</b> ; after they have been running the workshops for a while	All academy participants
March (sign up at academy)	<b>In-depth telephone interviews</b> . Preceded by brief email questionnaire to help prepare.	One member of staff from each participating organisation.
March	<b>In-depth telephone interviews with line manager</b> . Preceded by brief email questionnaire to help prepare.	Line managers from participating organisation.
March-April	<b>Project team interviews by phone</b> .	One member from each project partner organisation, including ASDC.
2 April 2012	<b>Student/ teacher Questionnaires</b>	Deadline for student/ teacher questionnaires and metrics to be returned to ASDC by participating organisations.

**Please keep notes of any thoughts, feelings or comments you have about any aspect of the project to help with our evaluation.**

# Questionnaires

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**Please note: These questionnaires are here for reference only. You will be provided with separate, formatted and branded questionnaires for use at the workshops.**

## Teacher questionnaire

We would like to find out what you thought of today's workshop so that we can improve our future programmes. Please complete this form & return it to a member of staff. Thank you for your assistance.

1. Which year group(s) of students have you brought today? .....
2. How would you rate the following aspects of today's workshop?

	<b>Very good</b>	<b>Good</b>	<b>Poor</b>	<b>Very Poor</b>
The content of the workshop				
The equipment provided				
The knowledge of staff running the workshop				
The venue of the workshop				
Overall, how would you rate the workshop				

3. What did you particularly like about today's workshop?
4. What impact do you feel the workshop had on your students?

	<b>Strongly agree</b>	<b>Agree</b>	<b>Neither agree nor disagree</b>	<b>Disagree</b>	<b>Strongly disagree</b>
I feel today's workshop will have inspired my students					
I feel today's workshop developed my students' hands-on practical skills					
I feel today's workshop will have made them more likely to consider a career in science					
Access to more workshops like this would increase students' motivation to study science					

5. How successful do you feel this workshop was in achieving the following aims?

	<b>Very successful</b>	<b>Quite successful</b>	<b>Not very successful</b>	<b>Not at all successful</b>
Increasing or reinforcing your students' understanding of molecular biology techniques?				
Increasing or reinforcing your students' understanding of concepts in evolution?				
Providing an opportunity to use molecular biology equipment?				
Providing an opportunity for your students to develop their investigative skills?				

6. What changes could we make to this workshop to increase its chances of achieving these aims?

7. Would you recommend this workshop to other teachers?

Yes ☐ No ☐

7b. {If no} why would you **not** recommend this workshop to other teachers?

8. Would you bring students to this workshop next year?

Yes ☐ No ☐

8b. {If no} For what reasons would you **not** bring students next year?

9. Do you feel that this workshop was good value for money?

Yes ☐ No, slightly too expensive ☐ No, too expensive ☐

10. How did you hear about this workshop (tick all that apply)?

- ☐ Leaflet/ letter sent to your school
- ☐ Personally contacted by someone from this centre
- ☐ Word-of-mouth recommendation from colleague
- ☐ Through STEMNET
- ☐ Centre website
- ☐ Other website {please specify} .....
- ☐ Other {please specify} .....

11. How many students were there in the group you took with you today?

.....

12. If you would be happy for us to contact you in the future about similar workshops available at the centre, please provide us with your email address

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Thank you for your time. Your feedback will help us develop better schools workshops in the future and improve this one. Please hand your completed questionnaire to a member of staff

## Student questionnaire

We would like to find out what you thought of today's workshop so that we can improve our future programmes.

Please complete this form and return it to a member of staff. Many thanks.

1. What year are you in? .....
2. Are you male or female? .....
3. Circle the words below that best describe your feelings about today's workshop (choose as many words as you like).

<b>Fun</b>	<b>Boring</b>	<b>Informative</b>
<b>Inspiring</b>	<b>Rewarding</b>	<b>Uninteresting</b>
<b>Interesting</b>	<b>Confusing</b>	<b>Enjoyable</b>
<b>Dull</b>	<b>Thought-provoking</b>	<b>Frustrating</b>

4. What did you like most about the workshop, and why?
5. How could this workshop be improved?
6. How was this workshop different from your science lessons at school?
7. How would you rate the workshop in achieving the following aims?

	Very successful	Quite successful	Not very successful	Not at all successful
Increasing or reinforcing your understanding of how restriction enzymes work?				
Increasing or reinforcing your understanding of how electrophoresis works?				
Increasing or reinforcing your understanding of bacterial evolution?				
Providing an opportunity to develop your investigative skills				
Providing an opportunity to develop your practical skills				
Increasing your confidence in your ability to understand this area of science?				
Increasing your interest in science?				

8. Have you used this type of equipment before at your school?

Yes often ☐

Yes occasionally ☐

No never ☐

9. Do you think your experience today will help you with school science classes?

Yes ☐

No ☐

Not sure ☐

10. Did your experience today make you think that working in science might be interesting?

Yes ☐

No ☐

Not sure ☐

11. Did the workshop today make you feel... (tick only one option)

☐ More interested in studying science

☐ The same, I already wanted to study science

☐ The same, I don't want to study science

☐ Less interested in studying science

12. The instructions you were given today clear?

☐ Yes all of them

☐ Some of them

☐ No none of them

13. Any other comments?

That's all. Thank you for your time. Please return this questionnaire to a member of staff.