

**Focus-Working-Dynamic-Activities (FWDA)**

**2. Science and Me**

**Dialogue between scientists and society**

**40 minutes**

The group will be split into pairs sat facing each other at tables of 4 or 6 depending on group size (see below). Students sat on one side of the table (side one) will start as the interviewers and students on the other side (side 2) will start as the interviewees.

Each pair is given an interview topic (Red, Blue, Yellow or Green) so that each pair on the same table has a different colour. (Illustrations are based on only three topics being used).

Stage 1: Side 1 questions the side 2 about their topic for three minutes.

Stage 1

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?

?

A

A

A

Side 1

Side 2

Stage 2: Side 2 questions side 1 about the same topic for three minutes.

Stage 2

A

A

A

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?

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Side 1

Side 2

Stage 3: Students on side 2 switch places so they are facing new student on side 1 and stages 1 and 2 are repeated.

Stage 3

A

A

A

?

?

?

Side 1

Side 2

All stages are repeated until all students on side 2 have faced all students on side 1.

Stage 4: Students move to a table depending on which colour topic they were given. This will result in a red, blue, and yellow table (also green if all 4 topics were in use). The students discuss their results for 10 minutes.

Stage 5: Groups then present their findings to the rest of the group.

**Interviewing topics:**

Blue: Do they think it is important that people know what scientists are doing and what their results are? Why do they think that? Are there any types of science where this is more/less important?

Red: Find out where and who they get their scientific information from and whether they trust it to be true. Why do they think that?

Yellow: Do they think that taking part in science makes people more interested in it? Would they like to take part in real science? Why/why not? If so, what sort of science?

Green: Do they know any scientists? Have they ever spoken to, or met a scientist? How did that happen and what did they ask them?

**Table arrangement and the number of topics to use**

The number of topics used will depend on the number of students within the group – the following guidelines show the set up for groups of 16, 18 and 20 students. The activity can be modified for larger or smaller group sizes.

16 students – 2 tables of 8 students (will use 4 interview topics)

18 students – 3 tables of 6 students (will use 3 interview topics)

20 students – 3 tables of 8 students and 1 table of 6 students (will use 4 interview topics)

**Materials:** Question/topic sheets which are clearly coloured. Corresponding coloured paper for students to document their findings from the interviews.

**RELEVANT INFORMATION EXTRACTION FORM**

1. Date:
2. Number of participant students

Boys: Girls:

1. Students’ age:
2. Name of the school:

Socio-Economic level:

1. Number of students groups generated:

Number of students per group:

1. Take notes about the conclusions and findings of the students in Stage 5:

Blue table:

Red table:

Yellow table:

Green table:

1. Add comments or suggestions, if needed: