## COMPASS
### STAGE 4 CURRICULUM SCOPING DOCUMENT

<table>
<thead>
<tr>
<th>PROJECT/ACTIVITY</th>
<th>PROJECT OBJECTIVES</th>
<th>KLAS</th>
<th>CURRICULUM OUTCOMES</th>
<th>GENERAL CAPABILITIES</th>
</tr>
</thead>
</table>
| **YEAR 8 & 9 ABORIGINAL & TORRES STRAIT ISLANDER STUDENTS EXPLORE UNI** | 1. As a result of this project, students will:  
1.1 Identify a link between interest, studying at a higher education level & career  
1.2 recognize some of the higher education options available at university  
1.3 Identify how higher education can help them achieve their goals  
1.4 Articulate an increased motivation to pursue higher education  
1.5 Express a sense of confidence in the university environment  
2. As a result of this project, teachers will:  
2.1 Report a positive association between the campus visit and students’ motivation to pursue higher education  
2.2 create opportunities in school to build confidence towards higher education | - | - | - Aboriginal and Torres Strait Islander histories and cultures  
- Personal and social capability  
- Literacy  
- Intercultural understanding |
| **YEAR 9 GOAL SETTING** | 1. As a result of this project, student(s) will:  
1.1. Recognise the functionality and impact of planning to achieve personal goals  
1.2. Use a suite of tools to support individual goal setting  
1.3. Make informed decision about future goals – linking academic pathways to higher education options  
1.4. Express a sense of confidence in individual future aspirations  
1.5. Increase confidence in setting and achieving personal goals  
1.6. Recognize that higher education is about options and choices – that are attainable through goal setting | - | MA4-1WM – MA43WM  
MA4-4NA  
MA4-12MG – MA4-18MG | - Personal and social capability  
- Literacy  
- Critical and creative thinking |
### NUMERACY TUTORING

1. **As a result of this project, students will:**
   1.1. Show improvement in their mathematical and numerical skills as measured by their Elementary Math Mastery (EMM) project level
   1.2. Express increased confidence about their ability in mathematics
   1.3. Recognise the connection between Compass volunteers and higher education

2. **As a result of this project, teachers will:**
   2.1. Possess knowledge and skills in the EMM project and how it can benefit their students
   2.2. Have access to new resources to engage their students with

3. **As a result of this project, volunteers will:**
   3.1. Develop their knowledge and skills regarding through practical experience in a professional environment
   3.2. Express a positive experience in schools where they feel that they have had an impact on students

### YOURTUTOR

Through Compass’ subscription to YourTutor, students can access free, anonymous online tutoring support in a range of subjects after school. YourTutor also provides a free online essay review / feedback service.

As a result of using YourTutor, students will increase their help-seeking skills, improve their study skills; and be in a better position to increase their marks at school

<table>
<thead>
<tr>
<th>PROJECT/ACTIVITY</th>
<th>PROJECT OBJECTIVES</th>
<th>KLAS</th>
<th>CURRICULUM OUTCOMES</th>
<th>GENERAL CAPABILITIES</th>
</tr>
</thead>
</table>
| NUMERACY TUTORING | 1. As a result of this project, students will:  
1.1. Show improvement in their mathematical and numerical skills as measured by their Elementary Math Mastery (EMM) project level  
1.2. Express increased confidence about their ability in mathematics  
1.3. Recognise the connection between Compass volunteers and higher education  
2. As a result of this project, teachers will:  
2.1. Possess knowledge and skills in the EMM project and how it can benefit their students  
2.2. Have access to new resources to engage their students with  
3. As a result of this project, volunteers will:  
3.1. Develop their knowledge and skills regarding through practical experience in a professional environment  
3.2. Express a positive experience in schools where they feel that they have had an impact on students | Mathematics | MA4-1WM – MA43WM  
MA4-4NA  
MA4-12MG – MA4-18MG | -  
- Numeracy  
- Personal and social capability |

| YOURTUTOR | Through Compass’ subscription to YourTutor, students can access free, anonymous online tutoring support in a range of subjects after school. YourTutor also provides a free online essay review / feedback service.  
As a result of using YourTutor, students will increase their help-seeking skills, improve their study skills; and be in a better position to increase their marks at school | - | - | -  
- Literacy  
- Numeracy  
- Personal and social capability |
### NCSS Challenge

1. **As a result of this project, students will:**
   - 1.1 Demonstrate increasing mastery of coding by moving through Challenge levels
   - 1.2 Collaborate with teachers, peers, and university students to solve problems
   - 1.3 Discover how coding and other numeracy skills can be applied in higher education/careers
   - 1.4 Meet specific syllabus outcomes in Science/Technology subjects

2. **As a result of this project, teachers will:**
   - 2.1 Increase their skills in understanding and applying Python coding language
   - 2.2 Learn and apply strategies for enriching STEM teaching

<table>
<thead>
<tr>
<th>CURRICULUM OUTCOMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>ST3-5WT</td>
</tr>
<tr>
<td>ACTDIK034</td>
</tr>
<tr>
<td>ACTDIK035</td>
</tr>
<tr>
<td>ACTDIP043</td>
</tr>
<tr>
<td>ACTDIP037</td>
</tr>
</tbody>
</table>

### Spectacular Science

1. **As a result of this project, students will:**
   - 1.1 Increase their understanding of the relationship between high school STEM subjects and future occupations/university research
   - 1.2 Understand more clearly what studying STEM subjects in years 11 & 12 might lead to
   - 1.3 Become more familiar with the University environment

2. **As a result of this project, teachers will:**
   - 2.1 Use key ideas and experiences provided by Spectacular Science project as a platform for future discussions with students about STEM and higher education

<table>
<thead>
<tr>
<th>CURRICULUM OUTCOMES</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
</tr>
<tr>
<td>-</td>
</tr>
</tbody>
</table>

### General Capabilities
- Numeracy
- ICT capability
- Critical and creative thinking
- Personal and social capability
## ISCIENCE

1. **As a result of this project, students will:**
   1.1 Increase their interest in and understanding of science
   1.2 Develop skills in inquiry-based investigations of topics they are interested in
   1.3 Collaborate with peers and university student mentors on a problem-solving task
   1.4 Become more familiar with the university environment including spaces, academic staff, and students

2. **As a result of this project, teachers will:**
   2.1 Increase their confidence and skills in teaching science through inquiry to school students
   2.2 Have the opportunity to expand or maintain school-university partnerships

### KLAS
Science

### CURRICULUM OUTCOMES
SC5-1VA – SC5-3VA
SC5-4WS – SC5-9WS

### GENERAL CAPABILITIES
- Numeracy
- Literacy
- Critical and creative thinking

## HOMEWORK CLUB

1. **As a result of this project, students will:**
   1.1 Express more confidence in their capabilities at school
   1.2 Exhibit increased motivation to do better at school
   1.3 Recognise the connection between Compass volunteers and higher education
   1.4 Recognise the benefits of using YourTutor

2. **As a result of this project, teachers will:**
   2.1 Be able to observe general improvements in their students’ confidence and motivation at schools

3. **As a result of this project, volunteers will:**
   3.1 Develop their knowledge and skills regarding through practical experience in a professional environment
   3.2 Express a positive experience in schools where they feel that they have had an impact on students

### KLAS
Mathematics
English
Science
HSIE

### CURRICULUM OUTCOMES

### GENERAL CAPABILITIES
- Literacy
- Numeracy
- Personal and social capability
- Critical and creative thinking
## Year 10 Preparation for Senior Study

### Project Objectives

1. **As a result of this project, students will:**
   1.1. Describe the role motivation plays in study and importance of organized self-directed study in senior years
   1.2. Identify effective strategies for time management and general study
   1.3. Identify examination preparation strategies and study skills specifically for English and Mathematics
   1.4. Interact with university students and discuss aspects of their experience in higher education

2. **As a result of this project, teachers will:**
   2.1. Observe various teaching and presentation styles and strategies
   2.2. Use key ideas and experiences provided by the Preparation for Senior Study project as a platform for future discussions with students about approaches to study and higher education

3. **As a result of this project, volunteers will:**
   3.1. Observe an expert teacher deliver the English Examination Preparation Workshop
   3.2. Develop and teach an English skills-based activity to a small Yr 10 student group
   3.3. Reflect on their teaching practice following first in-school session and revise approach prior to second in-school session where necessary.

### KLAS

- Literacy
- Critical and creative thinking
- Personal and social capability