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### CAS and DP subject groups

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The following are suggestions for CAS experiences associated with each of the subject groups of the DP. The list can be used to provide ideas to students designing their individual CAS programmes. Many of these could also be incorporated into a CAS project. Please note that the list is not complete and students will find CAS experiences not listed below.



Figure 1

*Studies in language and literature*

**CAS experiences that could be derived from this subject group include:**

- creative writing
- producing audiobooks for an organization serving people who are blind
- writing articles about CAS or CAS projects for school and local newspapers
- raising awareness about issues treated in literature
- teaching younger students how to debate
- writing a movie/play script and making a movie/play.

*Language acquisition*

**CAS experiences that could be derived from this subject group include:**

- developing pen-pal networks
- providing language lessons to those in need
- developing language guides using technology
- creative writing in the language being studied
- writing articles on the culture of the language studied
- producing materials explaining CAS in the language being studied
- raising awareness of the culture of the language being studied through articles, a website or other forms of communication.

*Individuals and societies*

**CAS experiences that could be derived from this subject group include:**

- creating displays and planning an assembly on history, particularly of the area around the school
- recording the oral histories of people living in a retirement home and creating family memoirs
- raising awareness of recycling within the school
- mapping resources in the local area, such as recycling centres, youth organizations or social enterprises, and initiating CAS experiences that extend and support these resources
- researching development projects in the community and supporting initiatives such as the construction of a community centre or a school

- working with local initiatives that support the United Nations Sustainable Development Goals
- arranging a simulation, a game or a school debate addressing local or global political issues for other students
- investigating ways of contributing to strengthening peace and peaceful behaviours in and outside of school
- raising awareness of human rights issues through international and local organizations
- supporting asylum seekers and migrants in integration in the culture and community of the new home country
- creating a social enterprise addressing a community need
- researching the philosophy of CAS
- discussing and investigating ways of supporting the role of active citizenship in the local community
- initiating a campaign that replaces bullying with respect for all within the school.
- building a garden for those in need.

### *Sciences*

#### **CAS experiences that could be derived from this subject group include:**

- forming an astronomy club for an elementary school to encourage younger students to be more aware of the universe
- raising awareness after testing local water quality
- raising awareness by monitoring air quality around the school
- raising awareness by monitoring traffic close to playgrounds
- creating and maintaining a nature reserve on campus
- helping remove invasive species of plants from the local environment
- helping to clean the beach or river foreshore and developing a plan to keep the trash from returning to the area
- advocating healthy eating habits with younger students
- engaging with the school canteen to promote healthy school meals and develop initiatives for healthy eating and drinking
- helping maintain a local nature reserve
- raising awareness of local nature reserves through a blog or website
- collecting data on school waste to inform future policy
- forming an environment club to investigate local issues such as recycling, domestic waste disposal, sourcing of food in supermarkets and reducing energy use at school

- promoting environmental initiatives such as eliminating the use of disposable plastic bottles on campus
- forming a club to promote awareness of global environmental issues
- forming a local collaborative project with another school to address environmental issues
- helping measure fitness of athletes in school sports teams
- promoting participation in physical exercise, for example, “walk to school” groups.

### *Mathematics*

#### **CAS experiences that could be derived from this subject group include:**

- teaching younger children to overcome mathematics challenges
- maintaining financial accounts for a local charity
- assisting students with learning support requirements in mathematics
- assisting a sports club or team with pre- and post-fitness assessment statistical analysis
- hosting a series of mathematics events for parents and the community to build an appreciation for mathematics
- creating a video series of “mathematics adventures” for younger children
- assisting a local organization in developing a business plan
- learning how to do tax preparation and offering free services for elders or low-income populations
- designing and painting a mural celebrating mathematics through the ages
- planning a “mathematics scavenger hunt” at school to reveal all the places mathematics is part of everyday life.

### *The arts*

#### **CAS experiences that could be derived from this subject group include:**

- attending and performing at an International Schools Theatre Association festival
- creating artworks to donate to hospitals, aged-care facilities or refugee centres
- creating community projects such as performances or photo exhibits for hospitals, aged-care facilities or refugee centres
- creating a performance for local schools with an educational message, for example, how to better protect the environment
- competing in external theatre competitions
- organizing a flash mob

- creating a mural or public sculpture for a children's hospital, local childcare or community centres
- creating a social blog with a public purpose for other students
- creating performances for local theatre, community and cultural festivals
- collaborating with charities and organizations to design posters for their causes and special events
- creating posters for not-for-profit organizations with an educational message
- designing theatre spaces for local communities
- creating the lighting and/or set for theatre productions
- establishing an exhibition for the work of local schoolchildren
- establishing a production company/festival for staging performances for the school and/or community
- establishing a virtual, online exhibition to exchange student artwork with other schools around the world
- establishing an inter-school festival staging pieces of theatre or a series of events that includes both training and performance elements
- establishing and running ongoing art classes in a particular media, style or technique for the benefit of the school and/or community
- establishing and running ongoing training in a particular style for the benefit of the school and/or community
- filming theatre performances and sports events
- forming a band and performing at a function
- offering design and promotional services to support school or community productions
- offering services in technical theatre, back stage and front of house, to support existing productions or curriculum productions
- ongoing training in a physical performance style or training methodology
- ongoing training in art-making media, styles and/or techniques with external visual artists or providers
- ongoing training in theatrical styles and training methodologies with external theatre companies or providers
- organizing a photo exhibition
- participating in external visual arts exhibitions or competitions
- performing to raise funds for charity
- performance and technical production opportunities with amateur and professional-amateur theatre companies or groups
- producing a film on working with a charity/group in need

- production design or set/costume/properties construction for school or local theatre, musical or dance productions
- taking dance lessons that lead to theatrical performance.

(Data taken from IBO CAS Guide: Creativity, activity, service guide

For students graduating in 2017 and after)