# A Level Geography

#### A-level

The A-level (Advanced Level) is a subject-based qualification conferred as part of the General Certificate of Education, as well as a school leaving qualification - The A-level (Advanced Level) is a subject-based qualification conferred as part of the General Certificate of Education, as well as a school leaving qualification offered by the educational bodies in the United Kingdom and the educational authorities of British Crown dependencies to students completing secondary or pre-university education. They were introduced in England and Wales in 1951 to replace the Higher School Certificate. The A-level permits students to have potential access to a chosen university they applied to with UCAS points. They could be accepted into it should they meet the requirements of the university.

A number of Commonwealth countries have developed qualifications with the same name as and a similar format to the British A-levels. Obtaining an A-level, or equivalent qualifications, is generally required across the board for university entrance, with universities granting offers based on grades achieved. Particularly in Singapore, its A-level examinations have been regarded as being much more challenging than those in the United Kingdom and Hong Kong.

A-levels are typically worked towards over two years. Normally, students take three or four A-level courses in their first year of sixth form, and most taking four cut back to three in their second year. This is because university offers are normally based on three A-level grades, and taking a fourth can have an impact on grades. Unlike other level-3 qualifications, such as the International Baccalaureate, A-levels have no specific subject requirements, so students have the opportunity to combine any subjects they wish to take. However, students normally pick their courses based on the degree they wish to pursue at university: most degrees require specific A-levels for entry.

In legacy modular courses (last assessment Summer 2019), A-levels are split into two parts, with students within their first year of study pursuing an Advanced Subsidiary qualification, commonly referred to as an AS or AS-level, which can either serve as an independent qualification or contribute 40% of the marks towards a full A-level award. The second part is known as an A2 or A2-level, which is generally more indepth and academically rigorous than the AS. The AS and A2 marks are combined for a full A-level award. The A2-level is not a qualification on its own and must be accompanied by an AS-level in the same subject for certification.

A-level exams are a matriculation examination and can be compared to matura, the Abitur or the Baccalauréat.

# Geographic levels

In geography, different geographic (scale) levels are distinguished: The local scale level relates to a small area, usually a city or municipality; The - In geography, different geographic (scale) levels are distinguished:

The local scale level relates to a small area, usually a city or municipality;

The regional scale level relates to a larger area, usually a region, state or province;

The national scale level relates to a country;

The continental scale level refers to a continent;

The global scale applies to the entire world;

The fluvial scale level relates to river basins (this scale level is mainly used in the context of pollution, for example).

Within geography the use of geographic levels is also known as scales of analysis.

An area of several countries (such as the Middle East or West Africa) is sometimes counted under the continental scale level, sometimes under the regional scale. Actually, both are incorrect, because it does not include a continent but is larger than a country, while the regional scale is smaller than the national scale. Sometimes the international scale level is also used for this, but this term is not in general use.

# Geography

Geography (from Ancient Greek ????????? ge?graphía; combining gê 'Earth' and gráph? 'write', literally 'Earth writing') is the study of the lands, features - Geography (from Ancient Greek ????????? ge?graphía; combining gê 'Earth' and gráph? 'write', literally 'Earth writing') is the study of the lands, features, inhabitants, and phenomena of Earth. Geography is an all-encompassing discipline that seeks an understanding of Earth and its human and natural complexities—not merely where objects are, but also how they have changed and come to be. While geography is specific to Earth, many concepts can be applied more broadly to other celestial bodies in the field of planetary science. Geography has been called "a bridge between natural science and social science disciplines."

Origins of many of the concepts in geography can be traced to Greek Eratosthenes of Cyrene, who may have coined the term "geographia" (c. 276 BC – c. 195/194 BC). The first recorded use of the word ????????? was as the title of a book by Greek scholar Claudius Ptolemy (100 – 170 AD). This work created the so-called "Ptolemaic tradition" of geography, which included "Ptolemaic cartographic theory." However, the concepts of geography (such as cartography) date back to the earliest attempts to understand the world spatially, with the earliest example of an attempted world map dating to the 9th century BCE in ancient Babylon. The history of geography as a discipline spans cultures and millennia, being independently developed by multiple groups, and cross-pollinated by trade between these groups. The core concepts of geography consistent between all approaches are a focus on space, place, time, and scale. Today, geography is an extremely broad discipline with multiple approaches and modalities. There have been multiple attempts to organize the discipline, including the four traditions of geography, and into branches. Techniques employed can generally be broken down into quantitative and qualitative approaches, with many studies taking mixed-methods approaches. Common techniques include cartography, remote sensing, interviews, and surveying.

### Geographic top-level domain

A geographic top-level domain (often shortened as geographic TLD or geoTLD) is any of an unofficial group of top-level domains in the Domain Name System - A geographic top-level domain (often shortened as geographic TLD or geoTLD) is any of an unofficial group of top-level domains in the Domain Name System of the Internet using the name of or invoking an association with a geographical, geopolitical, ethnic, linguistic or cultural community. The IANA does not recognize these domains as their own group within the

Root Zone Database, rather classifying them as generic top-level domains.

As of 2014, several examples of geographic TLDs exist: .london, enabling London businesses, organizations, and individuals to establish an online naming presence, .asia (for Asia), .rio (for Rio de Janeiro city), .quebec (for Québec province), .cat which is a sponsored top-level domain intended to be used to highlight the Catalan language and culture. .eu is a country code top-level domain, since "EU" is a reserved country code for the European Union in ISO 3166-1.

In 2017, an interest group focused on geographic TLDs was formed and joined as a member of the Registry Stakeholder Group (RySG) at ICANN. The GeoTLD Group AISBL is an international non-for-profit membership association resident in Belgium. It represents and promotes the interests of organizations operating a generic top-level domain which denominates a geographic name, geographic identifier or geographic origin (so-called GeoTLD) with the purpose of serving the respective place, language and culture on the internet.

### Regional geography

counterpart, systematic geography, concentrates on a specific geofactor at the global level. Attention is paid to unique characteristics of a particular region - Regional geography is one of the major traditions of geography. It focuses on the interaction of different cultural and natural geofactors in a specific land or landscape, while its counterpart, systematic geography, concentrates on a specific geofactor at the global level.

### Height above mean sea level

can cause sea levels and elevations to vary over time. Elevation or altitude above sea level is a standard measurement for: Geographic locations such - Height above mean sea level is a measure of a location's vertical distance (height, elevation or altitude) in reference to a vertical datum based on a historic mean sea level. In geodesy, it is formalized as orthometric height. The zero level varies in different countries due to different reference points and historic measurement periods. Climate change and other forces can cause sea levels and elevations to vary over time.

#### Bacon Level, Alabama

Alabama, United States. Nearby churches include Bacon Level Baptist Church. "Bacon Level". Geographic Names Information System. United States Geological - Bacon Level is an unincorporated community located 3–4 miles (4.8 to 6.4 km) southeast of Roanoke, in Randolph County, Alabama, United States. Nearby churches include Bacon Level Baptist Church.

#### Trauma center

Level I (Level-1) being the highest and Level III (Level-3) being the lowest (some states have four or five designated levels). The highest levels of - A trauma center, or trauma centre, is a hospital equipped and staffed to provide care for patients suffering from major traumatic injuries such as falls, motor vehicle collisions, or gunshot wounds. The term "trauma center" may be used incorrectly to refer to an emergency department (also known as a "casualty department" or "accident and emergency") that lacks the presence of specialized services or certification to care for victims of major trauma.

In the United States, a hospital can receive trauma center status by meeting specific criteria established by the American College of Surgeons (ACS) and passing a site review by the Verification Review Committee. Official designation as a trauma center is determined by individual state law provisions. Trauma centers vary in their specific capabilities and are identified by "Level" designation, Level I (Level-1) being the highest and

Level III (Level-3) being the lowest (some states have four or five designated levels).

The highest levels of trauma centers have access to specialist medical and nursing care, including emergency medicine, trauma surgery, oral and maxillofacial surgery, critical care, neurosurgery, orthopedic surgery, anesthesiology, and radiology, as well as a wide variety of highly specialized and sophisticated surgical and diagnostic equipment. The point of a trauma center, as distinguished from an ordinary hospital, is to maintain the ability to rush critically injured patients into surgery during the golden hour by ensuring that appropriate personnel and equipment are always ready to go on short notice. Lower levels of trauma centers may be able to provide only initial care and stabilization of a traumatic injury and arrange for transfer of the patient to a higher level of trauma care. Receiving care at a trauma center lowers the risk of death by approximately 25% compared to care at non-trauma hospitals

The operation of a trauma center is often expensive and some areas may be underserved by trauma centers because of that expense. As there is no way to schedule the need for emergency services, patient traffic at trauma centers can vary widely.

A trauma center may have a helipad for receiving patients that have been airlifted to the hospital. In some cases, persons injured in remote areas and transported to a distant trauma center by helicopter can receive faster and better medical care than if they had been transported by ground ambulance to a closer hospital that does not have a designated trauma center.

# Scale (geography)

In geography, scale is the level at which a geographical phenomenon occurs or is described. This concept is derived from the map scale in cartography - In geography, scale is the level at which a geographical phenomenon occurs or is described. This concept is derived from the map scale in cartography. Geographers describe geographical phenomena and differences using different scales. From an epistemological perspective, scale is used to describe how detailed an observation is, while ontologically, scale is inherent in the complex interaction between society and nature.

#### Canadian Geographic Education

student geography competition organized annually by Can Geo Education for students from Grades 4 to 10. There are two levels of competition—Level 1 is for - Canadian Geographic Education (Can Geo Education), formerly The Canadian Council for Geographic Education, is a joint initiative of the Royal Canadian Geographical Society of Ottawa, Ontario, and the National Geographic Society of Washington, D.C.; the initiative was established in 1993.

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