**6** Living history

Glossary

# Page 65

* 1. **ruins** (n pl) /ˈruːɪnz/

parts of damaged buildings, often very old

* + - *Many tourists visit Greece to see the famous ruins of its ancient civilisation.* ➣ ruin (v)
* die Ruinen (plural)
  1. **historical** (adj) /hɪsˈtɒrɪkl/

related to history ● *I’ve just read a historical novel about the French revolution in the 18th century.* ➣ history (n), historic (adj)

* geschichtlicher/e/es
  1. **site** (n) /saɪt/

a place (of archaeological importance)

* + - *London Bridge is the most popular site in London.* ❖ die Stätte

Reading **Pages 66–67**

* 1. **pottery** (n) /ˈpɒtəri/

plates, vases, etc. made with soft earth called clay and baked in an oven ● *The souvenir shop sold bowls, mugs and other hand-made pottery.* ❖ die Töpferwaren (plural), das Steinzeug (singular)

* 1. **silk** (n) /sɪlk/

a type of soft thin cloth that an insect makes

* + - *She was wearing a silk shirt.* ❖ die Seide
  1. **trade** (v) /treɪd/

to buy and sell ● *The company trades in goods from China.* ➣ trade, trading (n), trader (n)

* handeln
  1. **route** (n) /ruːt/

the way from one place to another ● *What’s the shortest route to York from Liverpool?*

* die Strecke
  1. **originally** (adv) /əˈrɪdʒənəli/

at first ● *Originally, this building was a factory before it was turned into flats.* ➣ origin (n), original (adj, n), originate (v) ❖ ursprünglich

* 1. **stretch (for)** (v) /stretʃ (fɔː)/

to cover a large area of land between two places ● *The Gobi Desert stretches for over a thousand kilometres between Mongolia and China.* ❖ sich erstrecken (über)

* 1. **generally** (adv) /ˈdʒenərəli/

usually; in general ● G*enerally, I don’t often travel by plane, but I enjoy it when I get the chance.* ➣ general (adj) ❖ im Allgemeinen

* 1. **section** (n) /ˈsekʃn/

one of the parts of sth ● *Only a small section of the road is suitable for bicycles.* ❖ der Abschnitt

* 1. **pass (sth) on** (phr v) /pɑːs (ˈsʌmθɪŋ) ɒn/ to give sth to sb after you have received or used it ● *Did you pass on my message to Dora?* ❖ (etw.) an jdn. weitergeben
  2. **trader** (n) /treɪdər/

a person who buys and sells goods ● *My grandfather was a sugar trader all his life.*

➣ trade (v, n), trading (n) ❖ der/die Händler/-in

* 1. **trading post** (n) /ˈtreɪdɪŋ pəʊst/

a small place which is built for people to buy and sell goods far away from a town ● *The farmers took their animals to sell at the trading post.* ❖ der Handelsposten

* 1. **goods** (n pl) /ɡʊdz/

things that belong to sb and that can be moved

* + - *The stolen goods were returned to Mr Edwards.* ❖ die Ware (singular)
  1. **fabric** (n) /ˈfæbrɪk/

material ● *This coat is made of thick, warm fabric.* ❖ das Gewebe

* 1. **historian** (n) /hɪˈstɔːriən/

sb who studies history ● *A famous historian is going to present a TV documentary about*

*ancient Rome.* ➣ history (n), historic, historical (adj) ❖ der/die Historiker/-in

* 1. **spice** (n) /spaɪs/

a powder from a plant that you put in food to make it taste better ● *My mum uses a lot of spices in her cooking.* ➣ spicy (adj)

* das Gewürz
  1. **cotton** (n) /ˈkɒtn/

cloth made from the white hair of the cotton plant ● *When it’s very hot, you should wear clothes made of cotton.* ❖ die Baumwolle

* 1. **gunpowder** (n) /ˈɡʌnpaʊdə(r)/

a kind of powder used in bombs, bullets or fireworks to make explosions ● *The thieves used gunpowder to open the doors in the bank.* ❖ das Schießpulver

* 1. **lasting** (adj) /ˈlɑːstɪŋ/

continuing for a long time ● *They’ve had a lasting friendship since they met at university.*

* dauerhafter/e/es, anhaltender/e/es
  1. **military** (adj) /ˈmɪlətri/

related to a country’s armed forces, especially soldiers ● *We watched the soldiers marching in the military parade.* ❖ militärischer/e/es, Militär-

* 1. **leaflet** (n) /ˈliːflɪt/

a piece of paper or a few pages that advertise sth or give information about sth ● *The shop assistants handed out these leaflets which give details of prices and special offers.* ❖ der Flyer, das Prospekt

* 1. **continent** (n) /ˈkɒntɪnənt/

one of the seven main areas of land on Earth,

e.g. Africa, Asia, etc. ● *Italy is situated in the south of the continent of Europe.*

➣ continental (adv) ❖ der Kontinent

* 1. **literature** (n) /ˈlɪtrəʧə(r)/

novels, plays and poetry ● *He enjoys reading South American literature.* ❖ die Literatur

* 1. **physical** (adj) /ˈfɪzɪkl/

that can be seen, felt or touched ● *The map showed the physical features of the land, like the hills and rivers.* ➣ physically (adv)

* materieller/e/es
  1. **cellist** (n) /ˈtʃelɪst/

a musician who plays the cello ● *Andy is one of the best cellists in the country at the moment.* ❖ der/die Cellist/-in

* 1. **ancient** (adj) /ˈeɪnʃənt/

very old ● *The ancient statue was found under the castle ruins.* ❖ altertümlicher/e/es

* 1. **collaboration** (n) /kəˌlæbəˈreɪʃn/

the process of working together to achieve something ● *The summer activity project for schoolchildren is run in collaboration with local volunteers.* ➣ collaborate (v) ❖ die Zusammenarbeit

* 1. **fireworks** (n pl) /ˈfaɪəwɜːks/

colourful explosions of light in the sky, usually used for celebrations ● *We watched the fireworks in the sky from our balcony on New Year’s Eve.* ❖ das Feuerwerk (singular)

* 1. **army** (n) /ˈɑːmi/

a country’s organised military group who are trained to fight on land ● *Napoleon’s army was finally defeated by the Russians.* ❖ das Militär, die Armee

* 1. **navy** (n) /ˈneɪvi/

a country’s organised military group who are trained to fight at sea ● *Alan was a ship’s captain in the British Navy.* ➣ naval (adj)

* die Marine
  1. **airforce** (n) /ˈeə fɔːs/

a country’s organised military group who are trained to use aircraft to fight in the air ● *He joined the airforce to become a pilot in a fighter plane.* ❖ die Luftwaffe

Vocabulary **Page 68**

* 1. **exhibit** (n) /ɪgˈzɪbɪt/

an object of interest in a museum ● *The best exhibit in this museum is the dinosaur skeleton.* ➣ exhibit (v), exhibition (n) ❖ das Exponat, das Ausstellungsstück

* 1. **archaeologist** (n) /ˌɑːkiˈɒlədʒɪst/

sb who studies the cultures of the past by researching old buildings and things found in the ground ● *A team of archaeologists uncovered the streets of the ancient city below the museum.* ➣ archaeology (n), archaeological (adj) ❖ der Archäologe/die Archäologin

* 1. **investigate** (v) /ɪnˈvestɪgeɪt/

to try to find out the truth about sth like a crime or scientific problem ● *The police are investigating the theft of the painting from the museum.* ➣ investigation, investigator (n)

* untersuchen
  1. **historic** (adj) /hɪsˈtɒrɪk/

that is an important part of history ● *The ancient market is one of the city's most famous historic places.* ➣ history (n), historical (adj)

* historischer/e/es
  1. **preserve** (v) /prɪˈzɜːv/

to save sth from being destroyed ● *The body of the animal was preserved in the ice.*

➣ preservation (n) ❖ erhalten

* 1. **destroy** (v) /dɪsˈtrɔɪ/

to ruin ● *Sadly, the historic art college and library were destroyed by fire.* ➣ destruction (n), destructive (adj) ❖ zerstören

* 1. **invade** (v) /ɪnˈveɪd/

to go into another country, town, etc. with an army to take control of it ● *The Romans invaded France in 121 BCE.* ➣ invader, invasion (n) ❖ einfallen in

* 1. **pyramid** (n) /ˈpɪrəmɪd/

a building made in a solid triangular shape whose sides join in a point at the top ● *Several pyramids were built in different parts of Ancient Egypt.* ❖ die Pyramide

* 1. **battle** (n) /ˈbætl/

a fight between military forces ● *The battle of Marathon took place in 490 BCE.* ➣ battle (v)

* die Schlacht
  1. **temple** (n) /ˈtempl/

a building used for the worship of a god or gods ● *One of the most famous ancient temples of Apollo is situated at Delphi.*

* der Tempel
  1. **the Middle Ages** (n) /ðə ˌmɪdl ˈeɪdʒɪz/

the period of European history from about the 6th to the 15th century ● *The fortress at the top of the hill was built during the Middle Ages.*

* das Mittelalter
  1. **catch fire** (phr) /kætʃ ˈfaɪə/

to begin to burn ● *When we were cooking on the barbeque, the wooden fence caught fire.*

* in Brand geraten
  1. **replace** (v) /rɪˈpleɪs/

to put sth new in the place of sth old ● *Robots have already replaced people in many factories.* ➣ replacement (n) ❖ ersetzen

* 1. **mediaeval** (adj) /ˌmediˈiːvl/

of the Middle Ages ● *We visited some mediaeval castles on our tour of western France.* ❖ mittelalterlicher/e/es, Mittelalter-

* 1. **civilisation** (n) /ˌsɪvəlaɪˈzeɪʃn/

the way people live together in organised groups with laws, a government, etc. ● *It’s an article about the importance of technology in modern civilisation.* ➣ civilised (adj)

* die Zivilisation
  1. **emperor** (n) /ˈempərə(r)/

the person who rules a group of countries or states ● *Julius Caesar was a powerful Roman emperor.* ❖ der Kaiser

* 1. **artefact** (n) /ˈɑːtɪfækt/

an object that is historically interesting

* + - *There are many interesting artefacts at the new museum.* ❖ das Artefakt ✎ Also: artifact (US Eng)
  1. **narrow** (adj) /ˈnæroʊ/

measuring a small distance from one side to the other ● *The path is narrow, so people*

*can only go along it one at a time*. ➣ narrowly (adv) ❖ schmaler/e/es ✎ Opp: wide

* 1. **tomb** (n) /tuːm/

a large grave ● *When the rich man died, he was buried in the family tomb.* ❖ die Gruft

* 1. **era** (n) /ˈɪərə/

a period that is different from other periods because of particular characteristics, events, etc. ● *We are living in an era of change.*

* die Ära, die Epoche
  1. **the royal family** (n) /ðə ˌrɔɪəl ˈfæməli/

the present king or queen and their close family members ● *Philip became a member of the British royal family when he married Queen Elizabeth II.* ❖ die königliche Familie

* 1. **priceless** (adj) /ˈpraɪsləs/

extremely valuable ● *The Mona Lisa is priceless and it’s impossible to say how much it would be worth.* ➣ price (n)

* unbezahlbarer/e/es ✎ Opp: worthless,

valueless

* 1. **result (in)** (v) /rɪˈzʌlt (ɪn)/

to cause sth to happen ● *The heavy rain resulted in traffic problems.* ➣ result (v)

* führen (zu)

Grammar **Page 69**

* 1. **treasure** (n) /ˈtreʒə(r)/

valuable things such as gold or jewellery ● *In the book, the children had an adventure and found the treasure.* ❖ der Schatz

* 1. **colleague** (n) /ˈkɒliːg/

sb you work with ● *My colleagues usually arrive at work at 9 a.m. and leave at 5 p.m.*

* der Kollege/die Kollegin

Listening **Page 70**

* 1. **ash** (n) /æʃ/

soft grey powder that remains after sth has burnt ● *Black ash covered the sun when the volcano erupted.* ❖ die Asche

* 1. **lava** (n) /ˈlɑːvə/

hot melted rocks that come out of a volcano

* + - *The hot lava poured down towards the village when the volcano erupted.* ❖ die Lava
  1. **erupt** (v) /ɪˈrʌpt/

If a volcano erupts, it sends fire, smoke and rocks into the sky. ● *People had to leave their homes when the volcano erupted.* ➣ eruption

(n) ❖ ausbrechen

* 1. **arrangement** (n) /əˈreɪnʤmənt/

a plan for an event or action ● *We’ve made arrangements to meet tonight.* ➣ arrange (v)

* die Vorkehrung
  1. **eruption** (n) /ɪˈrʌpʃən/

when a volcano throws out a lot of hot ash, lava and steam ● *The volcanic eruption of Vesuvius in 79 CE completely destroyed the city of Pompeii.* ➣ erupt (v) ❖ der Ausbruch

* 1. **absolutely** (adv) /ˈæbsəluːtli/ completely ● *Are you absolutely sure?*
* völlig, absolut
  1. **terrifying** (adj) /ˈterɪfaɪɪŋ/

very frightening ● *They heard a terrifying scream in the middle of the night and were very shocked.* ➣ terrifying (adj), terrify (v), terror (n) ❖ schreckenerregender/e/es

* 1. **flow** (v) /fləʊ/

to move easily in one direction ● *The River Thames flows through Southern England.*

➣ flow (n) ❖ fließen

Speaking **Page 71**

* 1. **effective** (adj) /ɪˈfektɪv/

sth that works well ● *Swimming is an effective way of keeping fit.* ❖ wirksamer/e/es, effektiver/e/es

* 1. **monument** (n) /ˈmɒnjʊmənt/

an old building which is an important part of a country’s history ● *The Colosseum in Rome is a famous monument.* ❖ das Baudenkmal

* 1. **discount** (n) /ˈdɪskaʊnt/

a reduction in the usual price of sth ● *There is a ten per cent discount on these shoes.*

* die Ermäßigung

**Archaeology and history**

ancient historic ruins

archaeologist historical shipwreck artefact the Middle Ages statue

craft medieval site civilisation monument temple dig up pottery treasure

historian pyramid tomb

Grammar **Page 72**

* 1. **loaf** (n) /ləʊf/

an amount of bread that is cooked in a shape

* + - *He bought a loaf of sliced bread to make sandwiches.* ❖ der Laib
  1. **statue** (n) /ˈstætʃuː/

a figure of a person, animal or object that sb makes from stone or metal ● *There’s a statue of Lord Nelson in Trafalgar Square in London.*

* die Statue

Use your English **Page 73**

* 1. **pass down** (phr v) /pɑːs daʊn/

to give or teach sth to the younger generation which they will continue to do or keep and give to the next generation ● *Traditional pottery making methods have been passed down for centuries on the island.* ❖ weiterreichen

* 1. **date back (to)** (phr v) /deɪt ˈbæk (tʊ)/

to have existed (since) ● *That building dates back to 1922.* ❖ zurückdatieren (auf)

* 1. **dig up** (phr v) /dɪg ʌp/

excavate; remove sth from the ground that was buried ● *Many interesting things were dug up during the excavation.* ❖ ausgraben

* 1. **ask around** (phr v) /ɑːsk əˈraʊnd/

to ask several different people to try and get some information ● *I have never been to Zurich, but I’ll ask around and see if anyone can recommend a hotel there.* ❖ sich umhören

* 1. **burn down** (phr v) /bɜːn daʊn/

to completely destroy with fire ● *Thousands of forests are burnt down every summer.*

* niederbrennen, abbrennen
  1. **die out** (phr v) /daɪ aʊt/

become extinct or disappear ● *Neanderthals died out thousands of years ago.*

* aussterben
  1. **analysis** (n) /əˈnæləsɪs/

a scientific examination of sth in order to understand it better ● *An analysis of the bone structure showed that the mummy was a tteenager.* ➣ analyse (v), analytical (adj)

* die Analyse
  1. **analytical** (adj) /ˌænəˈlɪtɪkl/

very detailed and logical; involving analysis

* + - *The child has an analytical mind and wants to know how everything works.* ➣ analyse (v), analysis (n) ❖ analytischer/e/es
  1. **repetitive** (adj) /rɪˈpetətɪv/

involving doing or saying the same thing again and again ● *I can’t stand doing the same repetitive tasks every day. I need to be challenged.* ➣ repeat (v), repetition (n)

* monotoner/e/es
  1. **proven** (adj) /ˈpruːvn/

that has been proved to be true ● *If you have proven experience as a researcher, I’m sure you’ll get the job.* ➣ prove (v), proof (n)

* nachgewiesener/e/es
  1. **conclusive** (adj) /kənˈkluːsɪv/

showing that sth is true; ending any doubt

* + - *We were all convinced by the conclusive evidence that the vase did, in fact, date back to 1200 BCE.* ➣ conclude (v), conclusion (n)
* schlüssiger/e/es ✎ Opp: inconclusive
  1. **conclusion** (n) /kənˈkluːʒn/

a final opinion ● *The conclusion of my report is that the school curriculum should include*

*Chinese as a foreign language.* ➣ conclude (v)

* das Fazit, die Schlussfolgerung
  1. **identify** (v) /aɪˈdentɪfaɪ/

to find or discover who/what sb/sth is ● *Can you identify the people in this old photo?*

➣ identification, identity (n), identical (adj)

* erkennen, identifizieren
  1. **craft** (n) /krɑːft/

a profession for which you need a special skill

* + - *As a film director, he is very proud of his craft and wants all his work to be perfect.* ❖ das Handwerk
  1. **remove** (v) /rɪˈmuːv/

to take sth away from somewhere or off sth

* + - *They have removed the painting from the museum.* ❖ entfernen
  1. **experienced** (adj) /ɪksˈpɪərɪənst/ with experience ● *The experienced*

*photographer had an exhibition of her images.*

➣ experience (n, v) ❖ erfahrener/e/es

✎ Opp: inexperienced

**Phrasal verbs**

ask around date back (to) dig up burn down die out pass down

Writing **Pages 74–75**

* 1. **slightly** (adv) /ˈslaɪtli/

a little ● *He was slightly annoyed that he didn’t have more time to see all of the museum.*

➣ slight (adj) ❖ leicht, etwas

* 1. **disappointed** (adj) /ˌdɪsəˈpɔɪntɪd/

unhappy when sth doesn’t go as well as you wanted it to ● *I felt so disappointed that the archaeological site was closed when we went to see it.* ➣ disappoint (v), disappointing (adj), disappointment (n) ❖ enttäuschter/e/es

* 1. **utterly** (adv) /ˈʌtəli/

completely ● *Dad looked utterly ridiculous in the Thanksgiving turkey costume.* ➣ utter (adj)

* total
  1. **freezing** (adj) /ˈfriːzɪŋ/

very cold; at a temperature below zero ● *You look absolutely freezing! Would you like some hot soup?* ➣ freeze (v) ❖ eiskalter/e/es

* 1. **terribly** (adv) /ˈterəbli/

very ● *It gets terribly hot here in summer. Sometimes it’s over 40oC.* ➣ terrible (adj)

* furchtbar
  1. **enormous** (adj) /ɪˈnɔːməs/

extremely large ● *That pie is enormous. Who's going to eat it all?* ➣ enormously (adv)

* enormer/e/es, riesiger/e/es ✎ Syn: huge
  1. **bet** (v) /bet/

to say that you’re sure sth is true or will happen ● *I bet the phone will ring as soon as I get in the shower.* ❖ wetten

* 1. **single** (adj) /ˈsɪŋɡl/

particular; specific ● *The app crashes every single time I try to open it on the laptop.*

* einzelner/e/es
  1. **highlight** (n) /ˈhaɪlaɪt/

the best moment ● *The highlight of the year was our school trip to the Natural History Museum.* ➣ highlight (v) ❖ der Höhepunkt

* 1. **not believe (my) eyes** (expr) /nɒt bəliːv (maɪ) aɪz/ to be very surprised by what I see ● *I couldn’t believe my eyes when I opened the door and saw her.* ❖ seinen Augen nicht trauen
  2. **craftsman** (n) /ˈkrɑːftsmən/

sb who makes things skilfully with their hands

* + - *A craftsman made these hand-made chairs.*

➣ craftsmanship (n) ❖ der Handwerker

* 1. **relate** (v) /rɪˈleɪt/

to explain events or tell a story ● *He related his memories of the climbing trip.* ➣ relation (n)

* erzählen
  1. **unbelievable** (adj) /ˌʌnbɪˈliːvəbl/

that you can’t believe is true or possible

* + - *An unbelievable number of fans attended the concert at the stadium.* ➣ unbelievably (adv)
* unglaublicher/e/es ✎ Opp: believable

Video **Page 76**

* 1. **diver** (n) /ˈdaɪvə(r)/

a person who works underwater, usually with special equipment; a person who dives for pleasure ● *The divers found the treasure at the bottom of the sea.* ➣ dive (v, n) ❖ der/die Taucher/-in

* 1. **boulder** (n) /ˈbəʊldə(r)/

a huge rock ● *We felt lucky to be alive when the boulder rolled down the mountain and landed in front of us.* ❖ der Felsblock

* 1. **crown** (n) /kraʊn/

a circular object, usually made of valuable metal and jewels, worn by a king or queen at official events ● *Queen Victoria’s priceless diamond crown, made in 1870, is on display in the Tower of London.* ❖ die Krone

* 1. **disc** (n) /dɪsk/

a flat round object ● *The strange symbols on the ancient disc look almost like emojis!*

* die Scheibe
  1. **emblem** (n) /ˈembləm/

a symbol that represents a country, family or organisation, etc. ● *Her school uniform*

*includes a small emblem with an image of an open book.* ❖ das Abzeichen

* 1. **globalisation** (n) /ˌɡləʊbəlaɪˈzeɪʃn/

the fact that cultures and lifestyles around the world are becoming similar due to international trade and communications ● *As a result of globalisation, many of the goods we buy are made very cheaply by low-paid workers in the world’s poorest countries.* ➣ globalise (v)

* die Globalisierung
  1. **instantaneously** (adv) /ˌɪnstənˈteɪniəsli/ immediately ● *This app allows you*

*to upload photos instantaneously to several websites without wasting time.*

➣ instantaneous (adj) ❖ augenblicklich, sofort

* 1. **relatively** (adv) /ˈrelətɪvli/

compared with sth else; comparatively ● *The exam was relatively easy compared with the practice exercises we did in class.* ➣ relate (v), relative (adj) ❖ relativ

* 1. **symbol** (n) /ˈsɪmbl/

sth that represents an idea ● *The olive tree is a symbol of peace.* ➣ symbolise (v), symbolic (adj) ❖ das Symbol, das Sinnbild

* 1. **circular** (adj) /ˈsɜːkjələ(r)/

that is round in shape; that moves around in a circle ● *Take the circular route around the city to avoid driving through the centre.* ➣ circle (v, n) ❖ umlaufender/e/es, kreisförmiger/e/es

* 1. **economy** (n) /ɪˈkɒnəmi/

the system of production and trading that creates income ● *The country’s economy suffered when the hotels and restaurants had to close.* ➣ economise (v), economic, economical (adj) ❖ die Wirtschaft

* 1. **explorer** (n) /ɪkˈsplɔːrə/

sb who travels to new places to find out about them ● *The explorer Christopher Columbus sailed to the coast of America.* ➣ explore (v), exploration (n) ❖ der/die Entdecker/-in

* 1. **shipwreck** (n) /ˈsɪprek/

an occasion in which a ship sinks ● *The shipwreck happened in a storm off the coast of Sicily.* ❖ der Schiffbruch

* 1. **bell** (n) /bel/

an object like an upside-down cup made of metal with a hard piece of metal inside that makes a ringing sound against the sides ● *The villagers rang the warning bell when they saw the fire.* ❖ die Glocke

* 1. **coat of arms** (n) /ˌkəʊt əv ˈɑːmz/

a special symbol of a family, place or organisation ● *Above the palace gate,*

*the royal coat of arms was carved in stone.*

* das Wappen
  1. **condition** (n) /kənˈdɪʃn/

the state of sth ● *The road was in a terrible condition after the earthquake.* ❖ der Zustand

* 1. **copper** (n) /ˈkɒpə(r)/

a reddish-brown metal ● *The old bridge was made of copper which was green in places from corrosion.* ➣ copper (adj) ❖ das Kupfer

* 1. **alloy** (n) /ˈælɔɪ/

a mixture of two or more metals ● *Bronze is a brownish metal made from copper and tin alloy.* ❖ die Legierung

* 1. **ghost** (n) /ɡəʊst/

the spirit of a dead person that sb thinks they can see ● *Alistair believes he saw the ghost of a Roman soldier in the castle.* ❖ der Geist

* 1. **rare** (adj) /reə(r)/

unusual; not happening often ● *His photo collection includes images of rare insects and plants that are only found in South America.*

➣ rarely (adv) ❖ seltener/e/es

**Power and war**

airforce crown

army destroy

battle economy

coat of arms emblem

collaboration emperor

globalisation invade military

navy

the royal family

**People**

archaeologist cellist colleague

craftsman diver emperor

explorer