Aufgaben 10d

Aufgaben für Mathe und Französisch: läuft über die whatsapp-Gruppe!

Aufgaben für Musik:

Erstelle eine Biografie über L.van Beethoven (ca.1 DIN-A-4-Seite mit Quellenangaben)

Aufgaben 10 NW Chemie:

Suche dir Beispiele zur Anwendung von Nanotechnologie und erstelle dazu ein passendes Handout (1 Seite am PC geschrieben).

Mögliche Themen wären: Drug Delivery Systeme; Schädlichkeit von Nanopartikeln; Zur Oberflächenbehandlung (Lotus Effekt); Anwendung in Farben und Lacken; Nanoelektronik; Hydroxylapatit; Liposomen; Markierung von Zellen; Als Bindemittel für Umweltgifte; Nanotechnikbasierte LED's und viele Weitere.

<u>Aufgabenpaket Biologie 10 nw – Kurs (WP I)</u>

- 1. Recherchiere im Internet und fertige eine Übersicht über das Leben (Tier- und Pflanzenwelt) in den verschiedenen Erdzeitaltern (mit Zeitangabe) an!
 - Erdaltertum (Kambrium, Ordovizium, Silur, Devon, Karbon, Perm)
 - Erdmittelalter (Trias, Jura, Kreide)
 - Erdneuzeit (Tertiär, Quartär)
- 2. Fertige einen Steckbrief mit allem Wissenswerten über den Archaeopteryx als Brückentier an! Recherchiere dazu im Internet!
- 3. Was besagen die folgenden Theorien? Recherchiere im Internet!
 - Theorie von der Konstanz der Arten
 - Theorie der Vererbung erworbener Eigenschaften von Lamarck
 - Theorie von der Entstehung der Arten durch natürliche Zuchtwahl nach Darwin

Vergleiche anschließend die Theorien von Lamarck und Darwin am Beispiel der Entstehung des Giraffenhalses!

4. Recherchiere im Internet zur Entstehungsgeschichte (Evolution) des Menschen und fertige eine Übersicht an!

Biologie

10 sw, 10 tc, 10 fs

- 1. Lernen für den Test!
- 2. Evolution: Buch S. 72-73 lesen.
- 3. Definiere folgende Begriffe:
- Paläontologie
- Leitfossilien
- 4. Nenne bekannte Leitfossilien.
- 5. Beschreibe die vier Fossilienarten:
- a) Versteinerung
- b) Abdrücke
- c) Inkohlung
- d) Mumifizierung

2.19 @

Unit 4, More about ...

The Troubles and after



Murals

If you go to Belfast, you'll see lots of large pictures on the sides of the buildings. These are called murals. They show events and people from the past which are important to people who live in the city.

A lot of these murals are from the time that we call 'The Troubles'.

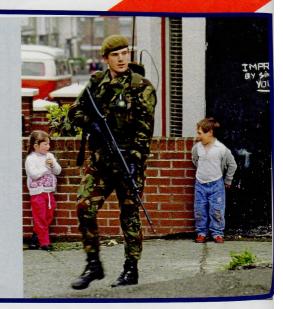
Different schools

Catholic and Protestant children in Northern Ireland often go to separate schools. Even in small towns there are often two schools – one for the children of each religion.

The background

Many Scottish and English Protestant people arrived and settled in what is now Northern Ireland about 400 years ago. Since then, there have often been problems between the Catholic and Protestant people who lived there. Some people (usually Protestants) want Northern Ireland to stay part of the UK. Others (usually Catholics) want it to be part of the Republic of Ireland. This disagreement has often caused fighting.

'The Troubles' (late 1960s – 1998) were a very violent time in Northern Ireland's history. There was a lot of terrorism and more than 3,500 people died. When British soldiers came to help in 1969, people welcomed them, but many Catholics soon felt the soldiers were not on their side.







Belfast today

A lot has changed since the time of the Troubles. Now everyone is working for a future without violence. Today Belfast is a very friendly city for tourists! You can write your own message on one of the 'peace walls'. These high walls separated Protestants and Catholics during the Troubles.

Many of the walls are still there, but now you can walk from one side to the other. More 'mixed' schools, for children from Protestant and Catholic families, open every year too.

New chances

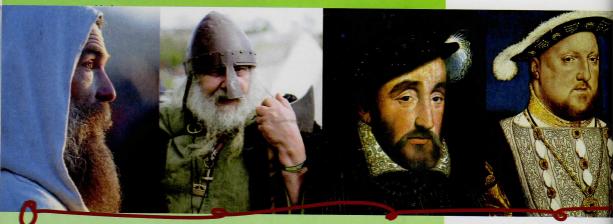
Did you know that 30,000 people worked in Belfast's shipyards in the past? When we didn't need as many ships, many people lost their jobs. During the Troubles, not many businesses wanted to come to Northern Ireland and unemployment was high. This has changed and there are new jobs now in making films and TV series.

1 Talk about the texts.

What did you find most surprising and interesting in the texts? Talk about it with a partner.

to settle (in) – besiedeln to cause – verursachen violent – gewalttätig; brutal separate – getrennt; verschieden to separate – *trennen* disagreement – *Meinungsverschiedenheit*, *Streit* business – *Unternehmen* unemployment – *Arbeitslosigkeit* Unit 5, More about ...

Highlights of Irish history



about 500 BC

I'm a Celt. The Celtic people were early settlers on the island of Ireland.

9th century

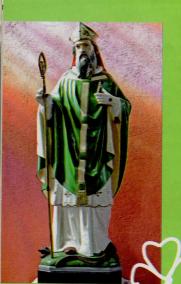
I'm a Viking from Denmark. We invaded Ireland and our people lived here for about 300 years!

12th century

I'm Henry II, King of England. I invaded Ireland with a huge army.

16th century

I'm Henry VIII, King of England and Ireland. The English own 90% of Ireland now. Many Irish people don't like me.



Saint Patrick

Saint Patrick is the patron saint of Ireland. He lived about 1,500 years ago and brought Christianity to Ireland. There are many stories about his life. One of the most famous is that he drove all the snakes in Ireland into the sea where they drowned. St Patrick's Day is on 17th March every year.

settler – Siedler, Siedlerin
century – Jahrhundert
to own – besitzen
famine – Hungersnot
to emigrate – auswandern
to split – teilen; spalten
to drown – ertrinken
to sign – unterschreiben; unterzeichnen
patron saint – Schutzheiliger, Schutzheilige
to drive – treiben
prime minister – Premierminister (-in),
Ministerpräsident (-in)
economy – Wirtschaft
financial crisis – Wirtschaftskrise







1845

The year of the Great Famine: One million people died and one million emigrated. I wanted to emigrate to America.

20th century

We split Ireland into Northern Ireland and the Republic of Ireland. There were many problems after this.

1998

I'm Bertie Ahern, prime minister of Ireland. I signed an agreement which was a big step in the peace process.

2002

I'm the euro! Ireland began to use me in 2002. Ireland has been a member of the EU since 1973.



Celtic Tiger

When Ireland joined the EU in 1973, it was a poor country. Between 1995 and 2000, Ireland's economy grew very quickly and people said it was as strong as a tiger. Many companies moved their European offices to Ireland. After the European financial crisis in 2008 however, people said that the 'Celtic Tiger' was dead.

1 Talk about the texts.

What did you find most surprising and interesting in the texts about Ireland? Talk about it with a partner.

1

BASIS Love and marriage

1 Growing up 🤊 🥯

p. xx
p. xx

How to ...
work with others
p. 188/189

Think - pair - share: What comes to your mind when you think about growing up? Think about: parents, friends, love, rules, problems, ...

2 Kevin and Sadie 👄 😂

The book Across the Barricades by Joan Lingard deals with growing up in Belfast about 40 years ago.

a) Look at the information about the two main characters in the book - Kevin and Sadie.
 Work with a partner and write down what YOU think the book is about.

18 years old

Catholic

eight brothers and sisters

unskilled worker



Northern Ireland

Belfast,



Sadie Jackson

16 years old

shop assistant

Protestant

one brother

b) Now read part A from Across the Barricades. Why are Sadie's parents so angry?

(A) Sadie has spent the afternoon with Kevin. She now returns home.

[...] Sadie stood with her head up listening to her mother's tirade. At the end of it she said, "All I've done is go for a walk with a boy."
"All?" said her mother.

5 "You're not seeing him again, do you hear?" said her father.

"I'll see him if I want to." Sadie opened the kitchen door.

"Come you back here," roared her father. [...]

"You'll do what I tell you as long as you're living under my roof."

"I don't have to stay under your roof. I'm sixteen, going on seventeen. I can go if I want to. You can't get the police to bring me back." [...] Sadie [...] walked up the stairs. He made to follow her but his wife said quietly, "Let her be, Jim. She's headstrong, you'll only turn her against you." [...]

3 Trouble ↔ 👄



- a) Read part B. What do you learn about Kevin? What do you learn about his friend Brian? How do they feel?
 - B Kevin has just come back from the seaside town of Bangor where he spent the day with Sadie. He meets his friend Brian in the street.

[...] "Hey there, Kevin! [...] Where've you been all day?"

"Bangor."

"You missed it all here. Doyle's pub got burnt down by the Prods [Protestants]. [...] They're going to pay for this. They'd burn us out to the last man if we let them."

"We [Catholics] do a bit of burning ourselves," said Kevin wearily.
Brian seized him by the shoulder and spun him round so that they stood face to face.
"I don't like the sound of that talk."
"What good does burning things do? I'm sick of fires."

BASIS Love and marriage

1

"So you take yourself off to Bangor for the day?"

"Why not? It's no crime."

"Could be. Depends on who you were with."

"What do you want to say?" Kevin shoved

20 Brian's hand off his shoulder.

"I met your Uncle Albert on the way home. He was telling me you were with a blonde girl by the name of Sadie."

"So what?"

"I remember a girl called Sadie. Few years back."

"Mind your own business!" Kevin spoke fiercely.

"I don't know that it might not be my business, if it's the same Sadie I'm thinking of."

"You won't tell me what to do, Brian Rafferty."

"No?" Brian smiled and leaned back against the wall of a house.

"No," said Kevin and left him. [...]

25

30

p. 26

vork with others

p. 206

b) Work with a partner and read or act out the scene.

4 What's next? @

a) What happened on the following days? Find out by linking the sentence halves with the conjunctions in the box.

1. Brian and two other boys beat Kevin up XX for them he was a traitor.

2. Kevin couldn't escape XX was badly injured.

3. Without telling Kevin, his sister Brede went to see Sadie XX Brede didn't like going into the Protestant streets.

4. Brede asked Sadie not to see Kevin again XX Brede didn't want her brother to be beaten up again.

5. Sadie said she would have to think about it XX she couldn't promise not to see Kevin again.

b) If you were Sadie's best friend, what advice would you give her?



but • although

and • because

PEOPLE & PLACES

The Republic of Ireland and Northern Ireland

In 1800 Ireland was made part of the United Kingdom (UK). Life in Ireland was very hard for the Catholic population in the 19th and early 20th century. There was a famine and many people starved or had to leave the country. The resistance against the English, who were mainly Protestant, grew. In the early 20th century the Irish began to fight for their independence from England. In 1948 the southern part of Ireland split from the UK and became the Republic of Ireland. The majority of the population in the Republic is Catholic. Northern Ireland stayed part of the UK. But the Nationalists (who were mainly Catholic) in Northern Ireland wanted to be part of the Republic; the Unionists (who were mainly Protestant) wanted to stay part of the UK. From the 1970s onwards the struggles between the Nationalists and the Unionists became more and more violent. Belfast saw some of the worst of these so-called "Troubles" in Northern Ireland. Paramilitary groups on both sides carried out bombings and attacks. Many innocent people, Catholics and Protestants, died. In 1998 the British government held peace talks with all the different groups. A peaceful solution to the conflict was agreed on. Although the "Troubles" have ended, there is still mistrust and sometimes violence between the Catholic and Protestant communities. What other religious conflicts in the world have you heard of?

P1 + P6 p. 26/27 1

5 The story goes on 9



a) Listen to a British school class talking about how the story goes on. Then put the pictures in the right order.















b) Look at the pictures again. Then write down what happened.

- 1. After Kevin had arrived at the river, he waited for Sadie.
- 2. After Kevin ...
- 1. Kevin arrive at the river / he wait for Sadie
- 2. Kevin lean against a tree / an elderly man (Mr Blake) offer to help him
- 3. Sadie finally come to meet Kevin / she recognize Mr Blake as her former teacher
- 4. Kevin and Sadie decide to stay together / they start seeing each other at Mr Blake's place
- 5. Sadie lose her job / she work as a housekeeper for Mr Blake
- 6. Mr Blake get anonymous letters for some time / someone throw a bomb into his house



6 Leaving 😂 🖗

- a) Read part C. What does Kevin decide to do?
 - After Mr Blake's funeral Kevin and Sadie go for a walk.
- [...] Kevin looked down at the hand that held Sadie's and tightened his hold on hers. [...] They walked on Cave Hill, above the city.

"I've been thinking," he began.
"Yes?"

He turned and looked into her face and said

5

quickly, "Sadie, I've got to go away. I can't stay here any longer. I haven't a job and I'm sick of bombs and people getting killed!

10 And now that this has happened with Mr Blake ..." He paused, then continued, "It's not a case of running away, you mustn't think that. I just

don't want any part of what's going on here. I don't like the way we've got to live. It's not living anyway. Not living the way I want it." She did not speak for a moment. [...] She swallowed. "When will you go?" she asked.

"Next week."

b) Can you understand Kevin? Write a text and say what you think. Give reasons.

I think ... • I'm sure ... • On the one hand ..., but on the other hand ... That's why I think ... • All in all, I would say ... write vour opinion p. 183 p. 26/27 D. XX

15

15

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A happy ending? 😂 🥯

a) Read the last part of the book and find out how the story ends.

Kevin arrives at the harbour where he will take a ship to Liverpool.

Standing beside the Liverpool shed was Sadie. He ran the last few yards to reach her.

"So you managed to come and see me off?" "Did you think I wouldn't?"

"No."

"Anyway, I haven't come to see you off. I'm coming with you." He was looking at her in amazement. She added anxiously, "You don't mind, do you?"

"Mind?" He put down his suitcase and lifted her up and whirled her round till she was breathless with laughter. "That's the best

news I've had in months. But where's your luggage?"

"I couldn't walk out of the house with a suitcase, could I now? You'll have to take me as I stand. But I've bought a ticket." She took the piece of paper from her pocket and held it out.

"Come on then," said Kevin. "What are we waiting for?"

"Nothing," said Sadie. [...]

He took her hand and together they walked across the shed to the white, waiting ship.

p. 27

p. 31 - 33

b) How do you imagine Sadie and Kevin's life ten years later? Talk to your partner.

Choose an activity @

You can ...

- write Sadie's diary entry for the day Kevin told her about his plans to leave Belfast.
- work in a group. Make up a dialogue between Kevin and his parents in which he tells them that he will leave Belfast. Then act out the scene.
- research songs that deal with the conflict in Northern Ireland and present them in class (for example 'Sunday, bloody Sunday' by U2 or 'Zombie' by The Cranberries).
- find information on travelling from Belfast to Liverpool by ship. How long does it take and how much is it? What about 40 years ago? Use a map and present your
- find out about the author Joan Lingard. Make a fact file about her and her work to give a talk in class.







Aufgaben 10 d Englisch

- Weiterarbeit im Paukerheft

- Arbeitsblätter: The Troubles and after/ Highlights of Irish history)

Texte zu Nordirland (*The Troubles and after*) und Irland (*Highlights of Irish history*) lesen und übersetzen

- Arbeitsblätter: Across the Barricades by Joan Lingard

2 a) b), 3 a), 4 a) b) (Aufgaben schriftlich bearbeiten)

People & Places lesen + Zeitstrahl erstellen (evtl. aktuelle Informationen ergänzen: *Brexit*)

5 b), 6 a) b), 7 a) b), 8 (Aufgaben schriftlich bearbeiten)

- Red Line 6

Grammatikteile wiederholen + test yourself bearbeiten

Erdkunde

Raumanalyse in Einzelarbeit fertigstellen

SW(Lb)

S. 296-299 alle Aufgaben

S. 306-311: Beantworte die Frage: Welchen Beitrag zur Friedenssicherung leistet die UNO?

Unterricht Rapp

Liebe Schülerinnen und Schüler, schickt bitte eine Datei oder ein scharfes Foto eurer erledigten Aufgaben als Mail bis zum 25.03.20 an rapp.rsbh@gmx.de. Dann erhaltet ihr neue Aufgaben. Ich notiere mir, wer die aktuellen Aufgaben gewissenhaft erledigt hat.

Physik 10 nw, fs, tc1, tc2, sw

Thema: Informationsverarbeitung

Gib bei youtube ein: compact physics mikrofon

Sie dir das Video an und erstelle dazu eine Übersicht mit den wichtigesten Informationen und einer anschaulichen Zeichung.