

Jump

INTO YOUR ENGLISH

u souladu s
RVP

Outstanding
CLIL resource



**Valentine's
Day**

**States
of Water**

**American
Football**

**FERRIS
WHEEL DAY**



Milí čtenáři,

únorový **Jump** zasypal led a sněh. O ledu, sněhu a dalších skupenstvích vody se dočtete v rubrice **STEM** (str. 6), ale taky se můžete pokochat ohromnými obrázky, které do sněhu vydupává Simon Beck (str. 10). V tomto vydání to taky roztočíme na ruském kole, které vlastně není ruské, a to jak ve **Photostory** (str. 9), tak v článku **Go for a Ride** (str. 14). A kdyby pořad bylo málo adrenalinu, nechte se vtáhnout do napětí amerického fotbalu v článku **Super Bowl!** (str. 12). I práce silničáře je adrenalinová. Proč, to se dozvíte v rozhovoru **Road Worker** (str. 16).

14. února se kromě ruských kol slaví svatý Valentýn, tak si můžete zopakovat některé ty symboly lásky v kvízu **Be my Valentine!** (str. 18).

Hodně lásky vám přeje

Pavla Štanclová!
 Pavla Štanclová (šéfredaktorka)



Rozšiřování byť i částí článků nebo fotografií je možné jen se souhlasem vydavatele.

► V TOMTO VYDÁNÍ SE TĚŠTE NA:

 STEM ! 6 States of Water	 10 Snow Artist	 12 Super Bowl!	 18 Be My Valentine
---	---	--	---

VYSVĚTLIVKY IKON: 🗣️ nahrávka textu na www.gradus.cz 📄 pracovní list na www.gradus.cz
 OBTÍŽNOST TEXTU (LEVEL): ★☆☆ = A0 / ★★☆☆ = A0+ / ★★★★★ = A1 💡 vyšší obtížnost textu

Předplatné časopisu **jump** V POLOLETÍ ZA PŮLKU!



Objednejte si předplatné **Jumpu** na pololetí **únor – červen 2021** za **160 Kč** + poštovné 100 Kč. (Od 11 předplatných poštovné ZDARMA.)*

Koupit předplatné **Jumpu** jako dárek a stáhnout si poukázku můžete na: www.gradus.cz/uvodni-stranka/obchod/

*jedna adresa = jedno poštovné, 1 – 10 ks objednávek na stejnou adresu = jedno poštovné



ON-LINE **drive** JE PRO VÁS **jump** JIŽ MOC LEHKÝ?

Kupte si přístup k článkům na úrovni A2 – B1+ z rubrik **health, technology, story, society, sport** a dalších. Vybírejte si z více než 50 článků s nahrávkami a pracovními listy, stahujte a neomezeně tiskněte z www.gradus.cz.

On-line nákup zde:



jump asks:

Do you have any health problems?



Matyáš, 11
 Liberec

No 😊, I don't wear glasses or a brace!

▲ My sister wears a brace^{1*}. I'm lucky² because I don't.

► My friend shot³ me in my right eye with a ball gun in a game. So, every six months I go to the doctor to check⁴ my eye.



Prokop, 10
 Horní Jelčany



Anežka, 11
 Kolín

◀ I don't have any health problems, but I need⁵ to wear a brace. I'm waiting for it just now!

► I'm OK now, in winter. But in summer, I have some problems. I'm allergic to pollen⁶ and hay⁷.



Anna, 11
 Jablonec nad Nisou

► I can see well, I don't wear a brace, and I'm not allergic to anything.



Bára, 11
 Jablonec nad Nisou



► LANGUAGE NOTE * a brace (Br. E.) – braces (Am. E.)

► ODD ONE OUT ✕

TASK 1 jump

What is true about you?
 Cross out the extra words.

- a. I have no some health problems.
- b. I don't wear a brace and glasses.
- c. I'm not allergic to anything pollen, hay, to some foods.
- d. If you have any other health problems, write them here:

► VOCABULARY

- ¹ brace [breis] – rovnátka
- ² I am lucky [aɪ əm 'lʌki] – mám štěstí
- ³ shot [ʃɒt] – střelil
- ⁴ to check [tʃek] – zkontrolovat
- ⁵ to need [ni:d] – potřebovat
- ⁶ pollen ['pɒlən] – pyl
- ⁷ hay [heɪ] – seno



Small Health Problems

Children and young people are generally healthy, but they also have some small health problems. How about you? Do you have any of these?

Bad sight¹

If you can't see well when you're watching TV or looking at the school board, you are short-sighted² and you need glasses. The number of children with bad sight is growing³. Scientists say that children today spend too much time looking at screens and don't go out enough⁴.

DID YOU KNOW?

Young people worldwide in numbers:

short-sighted 25%
allergic to some foods 40% – 50%

Crooked⁵ teeth

When your second teeth are growing, they often grow in the wrong place, and the teeth are crooked. Wearing a brace^{6*} helps. You can wear a removable brace at night, or a permanent brace non-stop.

Bad skin

Young skin is often oily, and pimples⁷ form, especially on the face and back. Such skin needs careful hygiene and patience⁸. Don't worry!



A brace is not a problem for me.

All pimples go away at the age of 20 at the latest⁹. And there is a good thing about oily skin. It looks younger much longer than dry skin.

Allergies

Some children are allergic to foods, like milk, nuts, wheat¹⁰ or soya. They can't eat meals with these allergens and they need a special diet. Other people are allergic to some animals, pollen¹¹ or hay¹². They have to avoid¹³ these allergens. But all allergies can go away one day.



Don't worry about your small health problems and enjoy life!



Hey, pimples, go away!

MATCH

Match the problems with their solutions.

Problems	Solutions
1. bad eyes	a. avoid allergens
2. crooked teeth	b. wear glasses
3. bad skin	c. wear a brace
4. allergies	d. careful hygiene

SOLUTIONS ON PAGE 19

LANGUAGE NOTE

* a brace (Br. E.) – braces (Am. E.)

VOCABULARY

- ¹ sight [saɪt] – zrak
- ² short-sighted [ˌʃɔ:t 'saɪtɪd] – krátkozraký
- ³ to grow ['grəʊ] – růst
- ⁴ enough [ɪ'naʃ] – dost
- ⁵ crooked ['kru:kɪd] – křivý
- ⁶ brace [breɪs] – rovnátka
- ⁷ pimple ['pɪmpl] – pupínek (hovorově akné)
- ⁸ patience ['peɪʃns] – trpělivost
- ⁹ at the latest [ət ðə 'leɪtɪst] – nejpozději
- ¹⁰ wheat [wi:t] – pšenice
- ¹¹ pollen ['pɒlən] – pyl
- ¹² hay [heɪ] – seno
- ¹³ to avoid [ə'vɔɪd] – vyhýbat se



States of Water

Everything on our planet can exist in different states¹. Things can be solid², liquid³, gas⁴ or plasma. In the universe, almost all things are plasma. In winter, we can see water in different states. **Just look!**

American English !

▶ LIQUID

Very often, we see water as liquid. Water is in this state when it is above⁵ zero and below⁶ 100 degrees Celsius. We use liquid water for drinking, cooking and washing.

▶ SOLID

When the temperature is below zero, water freezes⁷. It becomes ice. Sometimes water freezes slowly and makes icicles^A. Sometimes in cold weather it snows. Snowflakes^B fall from the sky. We make snowmen and snowballs from snow.

▶ GAS

When the temperature of water is above 100 degrees Celsius at sea level⁸, it changes into gas. We call it steam^C. It is hot. We can see steam when water is boiling⁹. Did you know? High in the mountains, water boils at a lower¹⁰ temperature.

▶ PLASMA

When the temperature is thousands of degrees Celsius, water changes into plasma. Sometimes we can see it. For example, when lightning^D strikes¹¹, it turns¹² rain water into plasma. It quickly cools down and turns back into liquid.

▶ VOCABULARY IN PICTURES



A. icicles



B. snowflake



C. steam



D. lightning

▶ VOCABULARY

¹ state [steɪt] – skupenství | ² solid ['sɒlɪd] – pevný | ³ liquid ['lɪkwɪd] – kapalný | ⁴ gas [gæs] – plynný
⁵ above [ə'baʊv] – nad | ⁶ below [br'ləʊ] – pod | ⁷ to freeze ['fri:z] – (z)mrznout | ⁸ sea level [si: 'levl] – hladina moře | ⁹ to boil ['bɔɪl] – vařit se | ¹⁰ lower ['ləʊə] – nižší | ¹¹ to strike [straɪk] – udeřit
¹² to turn into [tɜ:n] – přeměnit na

Cutout Flash Cards

See teaching tips for using the flash cards at www.gradus.cz.



LIQUID



SOLID



GAS



PLASMA

Back of Flash Cards

Water is in this state at temperatures below 0°C, in the form of ice and snow.

Water is in this state at temperatures 1 – 99°C. We can drink it.

99% of things in the universe are in this state. Water is in this state at temperatures above thousands °C.

Water is in this state at temperatures above 100°C, for example steam.

Ferris Wheel Homework



► VOCABULARY

¹ Ferris wheel [feris wi:l] – ruské kolo | ² let's go [lets gəʊ] – pojďme | ³ ride [raɪd] – jízda | ⁴ scared [skeəd] – vystrašený | ⁵ so am I [səʊ əm aɪ] – já také | ⁶ high [haɪ] – vysoko



Snow Artist

Simon Beck is a snow artist. He makes big pictures in the snow, sometimes as big as six football fields. He travels a lot to make his art. He has clients in the French Alps, America, Japan, New Zealand and Argentina. Simon's pictures are amazing! Jump asked Simon some questions about his work.

Name
Simon Beck

Age
62

Family
single

Job
snow artist, cartographer*

From
London, UK

? Simon, why do you make pictures in the snow?

Well, nobody else does it, and it's great exercise! I'm a cartographer* as well, and I love orienteering. It's a good idea to join¹ map making, orienteering and snow drawing.

? How do you make your snow art?

I draw my pictures on a piece of paper. Then I measure² everything with a compass and count³ all the steps⁴. Then I put on my snowshoes⁵ and start walking. Sometimes I walk over 50km to make a picture. When the picture is finished, I take photographs of it.

? What do you draw?

I usually draw things like snowflakes and other geometrical shapes⁶. The biggest picture I made** was** a four-leaf clover⁷ in France. I walked** for four days!

? Are there any bad sides to your life as a snow artist?

It's very difficult to plan my work, and I need good weather to take good photographs. Wind destroys⁸ my art very often.

▶ LANGUAGE NOTE

- * cartographer – a person who makes maps
- ** to make – made
- to be – was
- to walk – walked



▶ DID YOU KNOW?

- You can see Simon's art on his Facebook.
- Simon started making snow art in 2004.
- He has made over 350 snow pictures, and 150 pictures in sand.



LEVEL A2

Go to:



▶ VOCABULARY

- ¹ to join [dʒɔɪn] – připojit
- ² to measure ['meɪʒə] – měřit
- ³ to count [kaʊnt] – počítat
- ⁴ step [step] – krok
- ⁵ snowshoe ['snəʊʃu:] – sněžnice
- ⁶ shape [ʃeɪp] – tvar
- ⁷ four-leaf clover [fɔː liːf 'kləʊvə] – čtyřlístek
- ⁸ to destroy [dɪ'strɔɪ] – zničit

Photos courtesy of Simon Beck





Super Bowl!

North Americans are crazy about American football. They often call it gridiron, or just football*. The Super Bowl is the final game of the championship of the National Football League (NFL). It's on the first Sunday in February. It's a big show!

How to play

▶ Football a team sport. There are two teams of 11 players. The game is 60 minutes long and has four parts called quarters**. Each quarter is 15 minutes long.

Where to play

▶ You usually play American football on a field with grass. The field¹ is 110m long and 49m wide². There are 20 white lines³. Each end of the field has a goal post and an end zone.

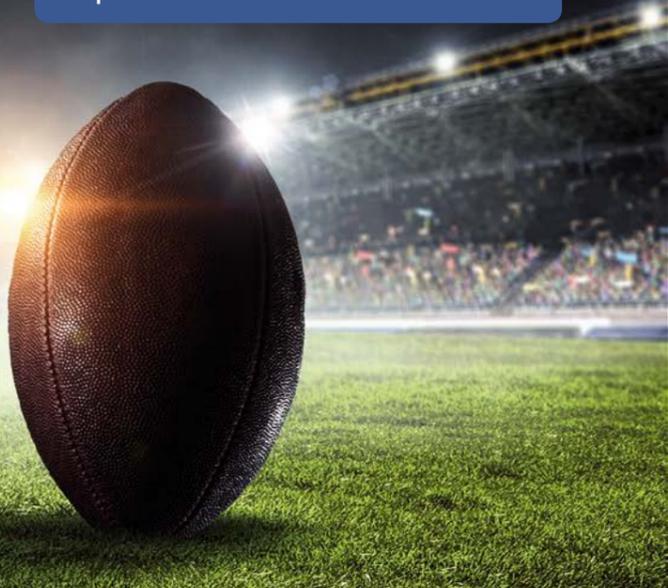
The ball

▶ The ball isn't round⁴, like a normal football! You can run with it, kick it, or throw⁵ it.



LANGUAGE NOTE

* football (Br. E.) – soccer (Am. E.)
 ** quarter – ¼



WRITE

Write the numbers.

- There are _____ teams.
- There are _____ players in each team.
- The game is _____ minutes long.
- It has _____ quarters.
- Each quarter is _____ minutes long.
- There are _____ lines on the field.

TASK 1 jump

LABEL THE PICTURES

Label the pictures with:

- end zone
- goal post
- red helmet
- line



SOLUTIONS ON PAGE 19

SOLUTIONS ON PAGE 19

Clothes

▶ American football is a very aggressive sport. There's a lot of body contact. Players must wear⁹ helmets, face masks, and a lot of padding¹⁰.

Super Bowl on TV

▶ People love watching the final game on TV. It's called the Super Bowl. But it's not just a game! People eat pizza, popcorn and chicken wings¹¹. There are lots of commercials¹², even a "half-time" concert. So, the whole show usually takes over three hours.

Touchdown

▶ Running or passing⁶ the ball across the goal line (into the end zone) scores⁷ a touchdown. You get six points⁸ for it. But you can get points for kicking the ball between the goal posts, too.

VOCABULARY

¹ field [fi:ld] – hřiště | ² wide [waɪd] – široký | ³ line [laɪn] – čára | ⁴ round [raʊnd] – kulatý
⁵ to throw [θrəʊ] – házet | ⁶ to pass [pɑ:s] – přihrát | ⁷ to score [skɔ:] – skórovat | ⁸ point ['pɔɪnt] – bod
⁹ to wear [weə] – mít na sobě | ¹⁰ padding ['pædɪŋ] – chrániče, vycpávky | ¹¹ wing [wɪŋ] – křídlo
¹² commercial [kə'mɜ:ʃl] – televizní reklama

Go for a Ride ...

February 14th is Valentine's Day. In the USA, February 14th is also Ferris Wheel¹ Day.

A Ferris wheel is a big rotating² wheel with cabins³ for people. It's named after the man who made* the first wheel in 1893, George Ferris. There are Ferris wheels all over the world. For

example, the Niagara SkyWheel in Canada, The London Eye in England, the Vienna Ferris Wheel in Austria, or the world's largest Ferris wheel, the Dubai Wheel in the United Arab Emirates.

Ferris wheels in the Czech Republic

► There's a new Ferris wheel in Prague 4. It's 35 metres tall and the ride only takes 5 minutes. But there are plans for a Ferris wheel on the bank of the river Vltava in the future!



People can sit down or stand up in the cabin.

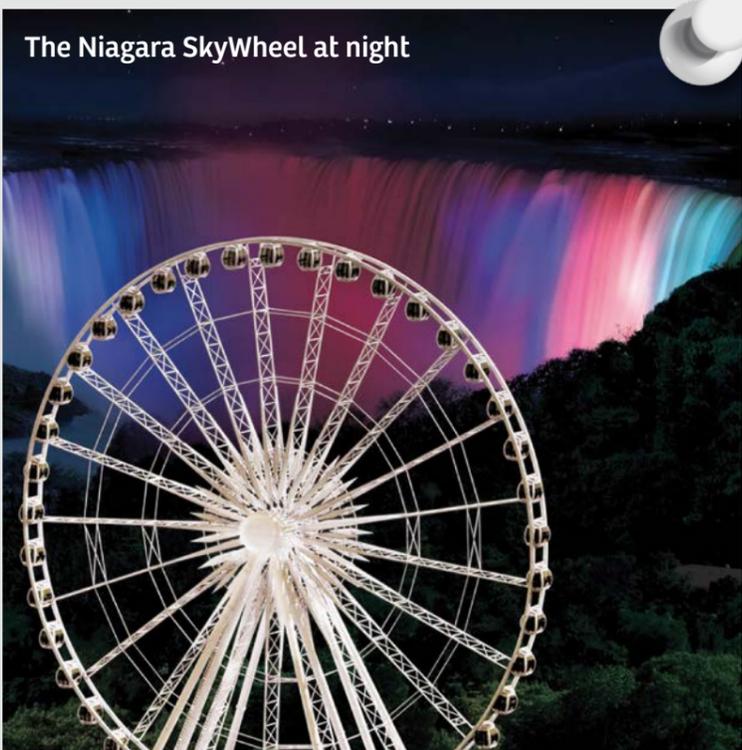
The London Eye

► The London Eye stands on the south bank⁴ of the River Thames, and it's close to Big Ben. Parts of it were made⁵ in the Netherlands, Italy, Germany, and the Czech Republic too! At night, there are blue, red, white, or pink lights on it. It's 135 metres tall and it has 32 cabins (London has 32 boroughs⁶, too). The cabins are numbered 1-33, but number 13 is missing. Some people think it's an unlucky⁷ number. Each cabin can carry 25 people. You can sit down, or you can walk around. Each ride is about 30 minutes long. You can see up to 40km when the weather is good.

► PROJECT TIME!

Write about a Ferris wheel you like. Send us the text with your name, age, photo and school by February 28th at jump@gradus.cz. We will publish the best text in April *Jump*.

The Niagara SkyWheel at night



The Niagara SkyWheel in Canada

► It's 53.3 metres tall, and there are 42 cabins. A ride takes 8 to 12 minutes. It's in the middle of a dinosaur fun park.

► GOOD IDEA

JUMP RECOMMENDS

February 14th is both Ferris Wheel Day and Valentine's Day. A ride on a Ferris Wheel is a nice Valentine's gift!



► LANGUAGE NOTE * make – made



The London Eye at night



► VOCABULARY

- 1 wheel [wi:l] – kolo
- 2 rotating [rəu'teɪtɪŋ] – otáčející se
- 3 cabin ['kæbɪn] – kabina
- 4 bank [bæŋk] – břeh
- 5 were made [wə meɪd] – byly vyrobeny
- 6 borough ['bʌrə] – městský obvod, čtvrť
- 7 unlucky [ʌn'lʌki] – nešťastný

Road Worker

All this is salt for roads.



Name: Tomáš Pařík Age: 44
 Family: single, daughters (12, 17)
 Job: Road worker
 From: Bílá Hlína, Czech Republic

Tom, what do you do?

I work for a company¹ that looks after² roads and a motorway³ near Mnichovo Hradiště.

How do you look after roads?

In summer, we repair⁴ roads. I drive a tarmac* lorry. My colleagues use the tarmac to repair roads. When it gets cold, we cut dangerous⁵ trees near roads. In winter,



In winter, Tom drives the salt lorry.

I spread⁶ salt on roads. When there is snow, I drive the snow plough⁷. I also look after the lorry I drive. I clean it and repair it.

What about motorways?

We help drivers on the motorway all year round. The police call us when there's an accident⁸. We put a big orange arrow⁹ on the road to show other drivers where to go.



Tarmac



In summer, Tom drives the tarmac lorry.

What are your working hours?

I normally work from 6am to 2.30pm. But in winter, I work shifts¹⁰: days from 6am to 6pm, nights from 6pm to 6am. And then I have two days off**.

How do you become a road worker?

Do you like hard, physical work, and being outside, often in bad weather? Then you can become a road worker. You can learn



Tom puts this arrow on the motorway.

MATCH A TO B

A	B
1. night	a. licence
2. driving	b. arrow
3. snow	c. shift
4. orange	d. plough

TASK 1 jump

SOLUTIONS ON PAGE 19

everything here. If you want to drive lorries, like me, you need a CE driving licence¹¹.

What do you like about your job?

The work is never the same. It's not boring. And we have fun with my colleagues.

Are there any bad sides to the job?

The work is dangerous. You are on the road with lots of cars around you. And lots of drivers hate us 😊.

LANGUAGE NOTE

* tarmac – tarmacadam; a mix of materials used for roads
 ** day off – a free day with no work



VOCABULARY

¹ company ['kʌmpəni] – firma | ² to look after [lʊk 'ɑ:ftə] – starat se (o) | ³ motorway ['məʊtəweɪ] – dálnice | ⁴ repair [rɪ'peə] – opravit | ⁵ dangerous ['deɪndʒərəs] – nebezpečný | ⁶ to spread [sprɛd] – sypat | ⁷ snow plough [snəʊ pləʊ] – sněžný pluh | ⁸ accident ['æksɪdɪnt] – nehoda | ⁹ arrow ['ærəʊ] – šipka | ¹⁰ shift [ʃɪft] – směna | ¹¹ driving licence ['draɪvɪŋ laɪsɪns] – řidičský průkaz

At home

Look at the picture and write the letter.



- | | | | | | | | |
|---|---------------|-------------|-------------|-----------|--------------|---|-----------------|
| 1 | hall <u>e</u> | 2 | garden ___ | 3 | bathroom ___ | 4 | dining room ___ |
| 5 | flat ___ | 6 | kitchen ___ | 7 | bedroom ___ | 8 | living room ___ |
| | 9 | balcony ___ | 10 | house ___ | | | |

