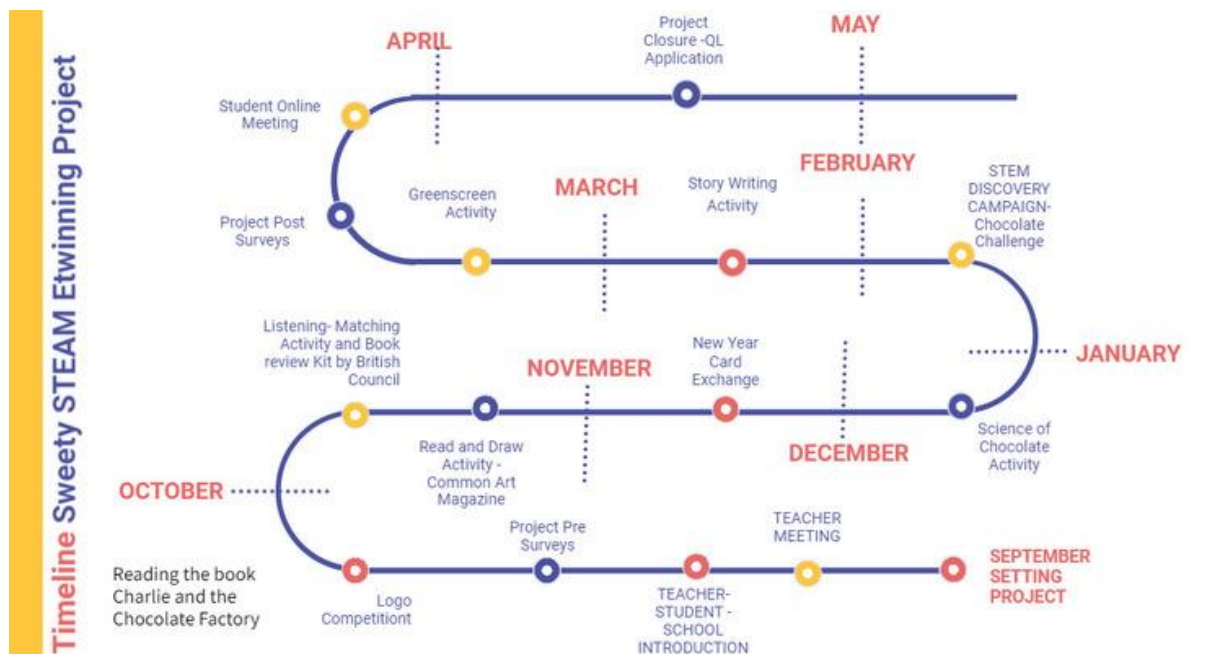


MY SWEET PROJECT

STEAM HAS NEVER BEEN SO SWEET!

How about diving into a fantasy book and make that story become alive with STEM Challenges! In this Project students will fulfill a series of STEM challenges integrated with literature, Charlie and the Chocolate Factory. This fantasy novel, one of the best seller children book will arouse the curiosity of children to the world around them that will be a good opportunity to embed their interest in STEM education.



September : Project plan outline and finding members on eTwinning partner forum

Setting teacher Whatsapp and Facebook Groups

October : Registering students into twinspace

Teacher project start up meeting

Student introduction / Teacher introduction (padlet)

Uploading parental consent letters into twinspace

Distribution of teachers' task

Student pre test

Teacher Pre Test

Parent Pre Test

Project logo design & logo competition

Students begin to read the book Charlie and the Chocolate Factory

November:

Subject : Literature and Arts

Students finish reading the book Charlie and the Chocolate Factory

1st Step

Book Review

In this step public resources provided by British Council Kids on the book Charlie and the Chocolate Factory.

Students will do the listening matching activity

Applying Book Review kit prepared by British Council

<http://learnenglishkids.britishcouncil.org/sites/kids/files/attachment/writing-practice-book-review-answers.pdf>

2nd Step

Read and Draw Activity

After students finish reading the book, students draw out the story.

Common work : an art magazine of best 3 students drawings from each partner school (Joomag)

December: Setting up transnational teams for new years card exchange and sending postcards (we can include traditional sweets in our parcels)

January : Science of chocolate

Subject : Science and ICT

Step1

** one Project teacher makes an instructive video or slide about how to make chocolate.

Watch the movie of the novel Charlie and the Chocolate Factory in the classroom.

Ask students :Would you like to open your own chocolate factory like Willy Wonka?

Students make chocolate together .



Students experience solid-melt-solid.

Discuss what temperature does chocolate melt at?

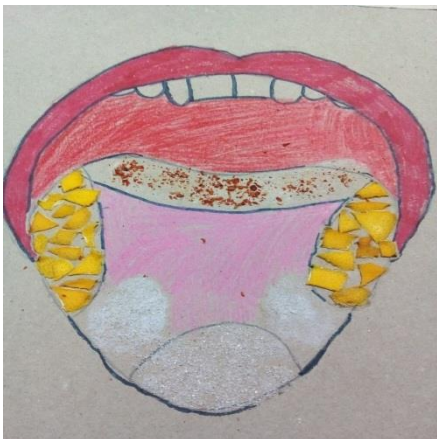
(answers received ;avarege 32 - 34 C , a little bit lower than your body temperature, that's why it can melt on your mouth)

What factors cause a chocolate melt or become solid?

Step 2

Tasting chocolate – How does chocolate taste?

Students give answers and talk about 5 basic tastes (sweet, sour, salty, bitter, and umami) . Students explore the tongue map and learn how different parts of the tongue have different sensory receptors for different tastes.

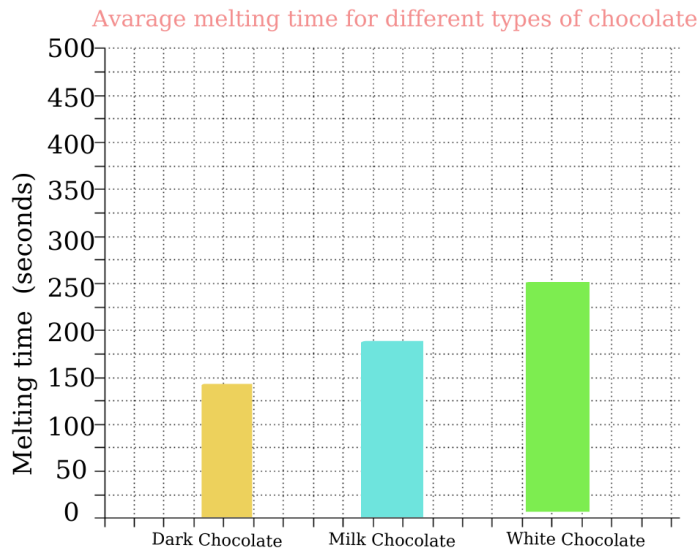


Step 3

After making chocolate students discuss if melting and freezing a physical or chemical change?

And examine the graphic below . What can be interpreted from the data?

Important ! : Ss use twinspace forum for student discussions



Final work activity photo collages (mosaically)

February

Join STEM Discovery Challenge

Using Scientix Resource Repository - Chocolate Challenge Activity

March

Story Writing -Common Work

April

Greenscreen Activity

Student and Teacher Certificates

Student Post Test

Teacher Post Test

Parent Post Test

Okulumuzun katıldığı SWEETY STEAM e-twinning projesinde , okulumuz 7/B sınıfı öğrencisi Athena CANBAY yurt dışı dahil 19 okul olmak üzere , e-twinning proje logosu yarışmasında birinci olmuştur.



Selimiye Ortaokulu olarak yurtiçi ve yurtdışı 19 okul ortaklı "Sweety Steam" adlı etwinning projemizin Ocak ayı çikolata yapımı etkinliğini gerçekleştirdik.

