

# Year 5 Learning Web

Spring 2 2018

## English Focus

- This half-term, we will be focusing on using some more advanced grammar, e.g. semi-colons and colons, and perfecting the sentence structures we have been using this year.
- We will be using the book **Holes** by Louis Sachar as our literary focus. We will be writing letters, poetry, character and setting descriptions, and a variety of other genres.

## Maths Focus

We will be:

- Converting between improper fractions and mixed numbers.
- Adding and subtracting fractions with different denominators.
- Converting between percentages, decimals and fractions, including tenths, hundredths and thousandths.
- Solving problems involving all of the above.
- Using timetables and line graphs.

## Knowledge and Understanding

**Learning Challenge: Is America really great again?**

- Our **Geography** topic this half-term is based on the USA. We will be locating and researching different states and looking at what each region of America is famous for.
- We will be looking at how some amazing natural phenomena in the USA were formed, such as the Grand Canyon and Niagara Falls.
- We will conduct a comparative study between the UK and the USA, focusing on the differences between York and New York.
- Finally, we will end our USA topic with some American food tasting!

## STEM (Including Computing and Science) and Health and Wellbeing

**Learning Challenge: Materials and their properties**

- We will be looking at a range of different materials and comparing their properties.
- We will be conducting a learning walk around the school, looking at thermal insulators and conductors and discussing which materials are effective insulators and why.
- We will be considering why some materials are better at absorbing liquid than others – using a “nappy test”.
- Finally, Science Week is this half-term! We, along with all other year groups, will be conducting a range of experiments that link to our topic.

## Creativity

- We will be creating some pop art in the style of Andy Warhol.
- We will be looking at the different architectural styles in America and will be attempting to build our own skyscrapers from spaghetti and marshmallows!

## Ways you can help at home...

- Encourage your child to read for enjoyment! Allow them to be more independent in their choice of reading material. However, don't stop reading to them; they still need a role model.
- Practise mental maths skills, including times tables. Practise telling the time and talking about the time as much as possible. Give your child opportunities to think about the price of items, estimating total costs and how much change they would get if paying with notes.
- Encourage your child to be more independent by helping them to refer to their timetables and organise their own belongings, such as school bags, homework books and PE kits.