



Flight Teaching Resources

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MATHS

1. Jakob and Herr Engel have got to lead the horses across the mountains to safety.

There are 12 horses: Raluca, Maestro, Pluto, Largo, Jupiter, Flavory, Monte, Santuzza, Duo Theo, Amato and Romana. How are you going to divide the horses between the two of them? How many will they have to lead each? (don't forget they will have to ride one!)

What happens when Kizzy arrives? Redo the sum to include her.

2. If they can travel 30-40 kilometres a day by horse, how long will it take them to do 130 kilometres?

It is nearly 195 kilometres between London and Leeds. How long will it take to travel that if you were going by horse?

How about London to Edinburgh, which is nearly 660 kilometres if you were travelling by horse?

3. Link this with following a map and using directions. Jakob and Herr Engel had to plot the best route using a map.

a) Using a map see if you can plot a journey



b) Create your own map. See if you can think of obstacles to put on it, like it bridges, rivers, mountains etc.

c) Once you have created your map pass it over to your neighbour and see if they can plot safest and fastest route through.



SCIENCE/STEM

4. Lipizzaner horses are a special type of horse. What makes them special and different to other horses?
5. Explore the different eco systems forest/river v mountain. Could you draw a picture that shows the different eco systems?
6. Moonlight is very important in this story. When they travelled at night but also when Jakob was teaching Kizzy to ride using tack it meant they could see. As a writer I needed to know the cycle of the moon. Do you know what the cycle of the moon is? See if you can draw it and show how many days it might cover?
7. Kizzy created a poultice that she used on Raluca's leg to help him when he had a thorn in his leg that had got infected. A poultice is normally herbs mixed with flour or bran if available, so it becomes like a clay. It is warmed and then applied to the leg. Perhaps you could have a go at making something like that. Pummel up some herbs, flour and water until it becomes a paste to see what it feels like. See if you can find a volunteer in your group to have it placed on their arm so you can then wrap a bandage round to hold it place. Ask them what it feels like?