TEACHER NOTES

Firstly, a big THANK YOU for purchasing this product. Please check out my store for more products and follow me for updates.

These CSI projects are a great way to capture your students' interest in math. This activity is also great to use as a fun Halloween math activity.

This activity has a short story at the start which sets up your class for an adventure where they have to find out which of the creatures is the skeleton bride's forgotten fiancé. You can use this short reading as an introduction to this ivity. However, a quick h-if y vic summary is included on the 'Crime Scene Investigation' pa do not have time to read the entire short story. Also included with this resour – please check it app r them. It can be out before showing it to your class to judge whether used as a video hook to get your students intered in the e but I take no responsibility for the video, ds are fright

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#### Included in this activity you will

Four math clues which the stude on vill new to solve in order to uncover who the skeleton bride's fiance of The clues and Hidden cossage. Students use over basic facts, maintermultiplication, in order to prove the order message left by the witch clues and the students map the vitch solition.

Dependent in magic vials.

After the second out which creative is the skeleton pride's fiancé they can complete the st activity to find out which is on is the witch's spell room. To make this activity shorter and don't have to include this sheet

Two early finisher activities are also included. Keep these on hand to give to your students who finish early. One of the extra activities is a shart writing activity and the other is a haunted house multiplication maze.



# THE SKELETON BRIDE

"Something doesn't feel right. Something really doesn't feel right", you think to yourself. A chill wind is blowing down the dirty narrow forest path in front of you. "What's that putrid smell?" you ask yourself as you creep along the dark forest road. The clouds start to part above and reveal a bright full moon. The light from the point shines into a large think to yourself. clearing in the forest ahead. In the middle of the clearing a dark castle rising out of a curling mist – "I'm sure that castle wasn't them be As you creep towards the castle a shrill cackling langer shudder runs down your spine. What was that? It sounded Like p. il. A sicking feeling starts to fill your stomach – you have set out of here our e just about to turn and run when you feel something grab the arr A gasp leave your mouth as you look down and see what has grabbed you part ce arm is holding yours. The moon gleams off that arm.... Wait hat an arreit's an arm bone! ot ju

> see hast You gulp and look up rte skeleton frice. The skeleton the. e and The that you notice that is a wailing on the top ourself – "it's a wailing at you notice that it is wearing a start bress Oh, help me," you than to solve on the opens it's morth and opeaks in a wailing crum , weda. n bride!" The ske me! Heeeen me!" You find you self mustering up some voice Чe age and whispering out one quiet word – How?".

arts to speak again "On this day live years ago I was The wailing top he sk d to / lifelong love. Our wedding ceremon, was to take place getting however, there was a wicked witch who lived in the castle. at tk Unk wn t cast. we that we share . On our wedding night she turned myself, my She wa Pal is of th handsome ove, and an of our wedding guests into hornsle reatures. She also took the memories deveryone except for he. No one can remember who they once were. The spell can be broken, but I need your help to do f. My love is one of these creatures and if

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I can find which out which one he is and say my wedding vows to him in the witch's magic room the spell will be broken and we will all be returned to humans. If I say it to the wrong creature in the wrong room, however, we will stay cursed like this forever. I need your help as I haven't been able to find out which creature my love is, or which room is the witch's magic room. Every full moon the witch flies away – which allows me to continue my search. Tonight is the only chance I will have until the next full moon – please help me...Please!"





"Help me... Help me.." cried the skeleton bride. "Just as I was about to marry my lifelong love an evil witch put a spell on me, my fiancé, and all of our wedding guests turning us into these horrible creatures! The worst part was that she also took the memories of everyone except for me. Now my husband to be has forgotten who he was, and I am not sure which of the creatures he was turned into. The spell can be broken but I need your help!

If I can identify my husband to be and say my wedding vows to him the spell will be broken. We must be careful though, because if I say my vower, the wrong creature we will stay this way forever."

Clues can be found throughout the castle which the second the dentify who the skeleton bride's husband to be is. Solve these these fines of the second the second s



The creatures have gathered in a chare shown below. One of these creatures is the skelet brider dance. Use the evidence on the following pages to firm ut which the it is so the spell can be broken.



#### FOUR CLUES HAVE BEEN FOUND WHICH ARE ON THE FOLLOWING PAGES.

AFTER YOU HAVE SOLVED EACH CLUE COME BACK HERE TO CROSS CREATURES OFF THE SUSPECT LIST UNTIL YOU HAVE FOUND THE SKELETON BRIDE'S FIANCE'.

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As you enter the castle you notice a crumpled up bit of paper. You unravel it and realise it is a note written by the witch. It reads: *Dear Witch, here is a note to yourself; remember who this creature is – it may come in handy in case you get hungry and want to turn him human again.* 

After that is a jumble of numbers - it must be a hidden message!

Solve the math problems at the bottom of the page and then shade in the answers in the number jumble, e.g. 6x10 = 60, this means you shade all the squares which have the number 60 in them. Do this for all the math questions to reveal the hidden message.

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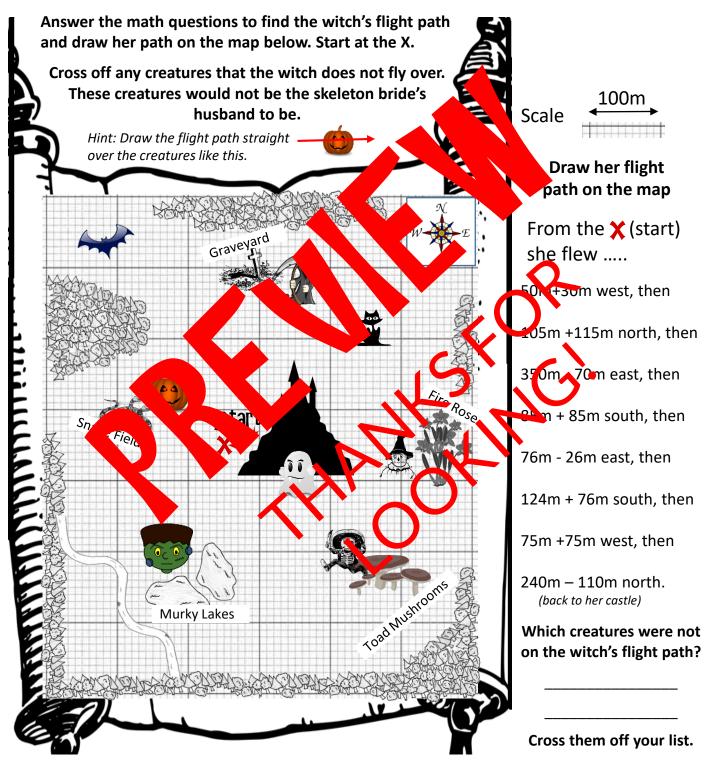
THIS CREATURE ISN'T HER LOVE. CROSS HIM OFF THE SUSPECT LIST.

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## THE WITCH'S FLIGHT PATH

Once a week the witch lets the creatures out onto the grounds surrounding the castle. Each of the creatures have a set spot to which they go. The witch then patrols the area by flying around on her broomstick so she can keep an eye on them. She follows the same flight path every time, however, the skeleton bride has noticed that the witch allows some of the creatures to roam unsupervised. Any creature that is not in the path of the witch's flight must be too unimportant for the witch to care about and therefore could not be the skeleton bride's fiancé.





For each creature the witch has crafted a special vial filled with magical substances. This vial is attached to the creatures and keeps them from remembering who they once were. The witch only had a small number of magical substances, however, and had to divide them between the wedding guests she turned into creatures. It is presumed she used a large amount of these magical substances on the skeleton bride's fiancé. This means that the two creatures with the smallest total weight can be crossed off the creature list as they would not be the skeleton bride's fiancé.

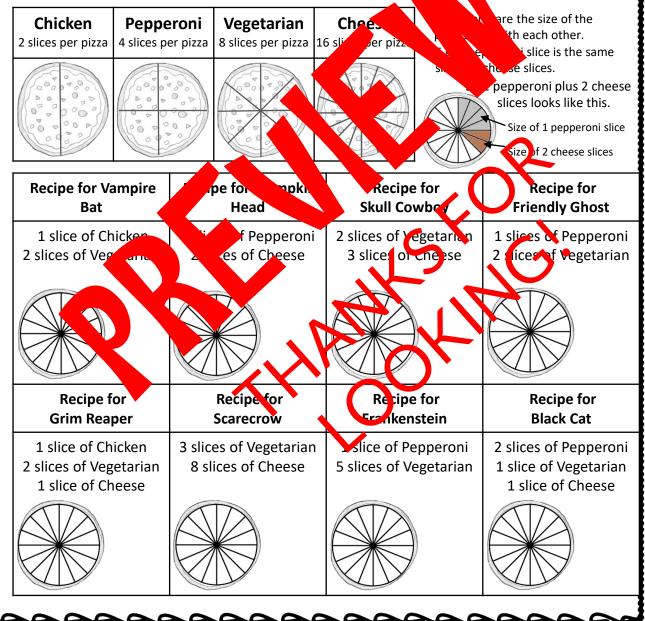




As you creep forward you notice an old bookcase covered in cobwebs. When you blow away the cobwebs you notice an old book. You realise as you open it up that it is the witch's spell book. Upon opening the book you find hand drawn notes explaining how the witch turned everyone into horrid

creatures – She put a spell on the pizzas, which were the food for the wedding! Different combinations of pizza slices turned people into different creatures. The skeleton bride gasped, – "My husband loved pizza! He insisted we have it at our wedding and said he would eat more than anyone else. By looking at the spell recipes we can figure out how much pizza each of the creatures ate. The two who ate the least can be crossed off the suspect list – those creatures would not be my fiancé."

Work out how much pizza each guest would have eaten. Shore in the pizza fraction circles to help you. Cross off the 2 creatures who ate the past mount of pizza.



## WHERE IS THAT SPELL ROOM?

The witch has placed magical objects in each room of the castle in order to help her with her spells. There are four kinds of magical objects in different shapes. Each shape holds a different amount of magical power. Use these shapes to work out which room holds the most magical power. This must be the main room where the witch casts her spells, and in this room is where the skeleton bride must say her wedding vows to her fiancé to break the spell.





## HAUNTED HOUSE MULTIPLICATION MAZE

Can you find the way out through the haunted house to rescue the princess at the top? YOU CAN NOT GO THROUGH DOORS WITH ANSWERS WHICH END IN A 5 OR A 6. You can go up and down both ladders and stairs.



### HAUNTED HOUSE MAZE - CREATE YOUR OWN

Create your own haunted house math maze to find the way to save the princess! Put a math problem in each of the rooms. Then decide which rooms the can be travelled through, for example you might say you can only travel through rooms with answers which end in a 4.

YOU CAN ONLY GO THROUGH ROOMS WHICH:

