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## Winter 2020 Schools Competition

BEAR Scotland look after the Trunk Roads in the north and the south east of Scotland. We work for the government (Transport Scotland). We help repair the roads and bridges when they need fixed, help put the road signs up, look after the streetlights, and keep the roads running smoothly.

We are launching a fleet of new gritters to help to protect us and help us on our journeys during the winter. You may have noticed that we like to give our gritters a name. This winter, as part of our South East Fleet, we have 21 brand new, 32 tonne, gritters all requiring a name! That is where we would like your help!

### The competition

We have two exciting competitions for your pupils to participate in:

- Competition 1 – Name a gritter!
- Competition 2 - Be winter ready!

Your pupils can participate in either or both competitions! Just how creative can your pupils be?

### Contents

This note contains:

- instructions for each of the competitions;
- a few suggested ideas for introducing each competition to pupils;
- a black and white gritter picture to be coloured and named;
- additional useful information to provide some facts and figures; and
- Our Terms and Conditions.

For clarification or any questions please email [SECommunity@BEARScotland.co.uk](mailto:SECommunity@BEARScotland.co.uk)  
Please ensure you head your email as "Schools Winter Competition 2020".

**The closing date for entries is midnight on Friday 23rd October 2020!**

We wish your pupils well in the competition. Good Luck!

### Additional Resources

Check out BEAR Scotland South East [here](#)

Follow us at @SETrunkRoads

Through winter, have a look at Transport Scotland's trunk road gritter tracker to see where gritters are working <http://arcg.is/GritterMap>

## Competition 1 – Name a Gritter

We would love for your school pupils to take part in our competition to **help us name our gritters!**

We have 21 new 32 tonne gritters like this one (picture included) and we would like pupils to suggest a name. The name could be anything winter related eg Jack Frost or Blizzard, or the name maybe bear related, such as Paddington or Yogi. We would like you to come up with ideas for a name to suit the gritter!

**Help us by colouring in a picture of the gritter and adding its name on the windshield.**

**Prize** – The winner will have their suggested name displayed on a gritter.

### Lesson Suggestion

- How many pupils have seen a gritter/know what a gritter is? Show a picture (provided). Ask pupils to write down or say 5 words to describe a gritter.
- When are we most likely to see gritters out working? Which months? Explain that our winter season typically runs from October until mid-May.
- What do gritters do? Explain that the gritter is driven along the roads, spreading grit (small stones), brine and salt to try to give car tyres more grip and help melt/break up the ice on the road. The gritters also have a huge “shovel” called a snow plough on the front that can be used to push snow off the road to clear a path for drivers.
- Discuss with pupils that gritters play an essential part in keeping us all moving on the roads in winter when we experience snow and ice. We work very closely with weather forecasters to try to identify the best times for gritters to be out working.
- Additional option – Our gritters operate on Trunk Roads in Scotland. Trunks Roads are our main road links across the country. Ask pupils to locate your school on a map. Can pupils identify the trunk roads that are closest to your school? Ask pupils to look at a map of Scotland and identify the names of two other trunk roads.

### Design Task

- Ask pupils to create a name for one of our new gritters. The name can be descriptive, memorable, funny, silly, thoughtful or serious. The name should try to show what the gritter is doing and highlight the gritter’s purpose. Some previous names include: “Gritty Gritty Bang Bang”, “The Ice Destroyer” and “Plougher O’Scotland”.
- Ask your pupils to colour in the gritter picture provided. Add the gritter name to the windshield on the drawing.
- The name should have a **maximum of 4 words / 25 characters** including spaces.

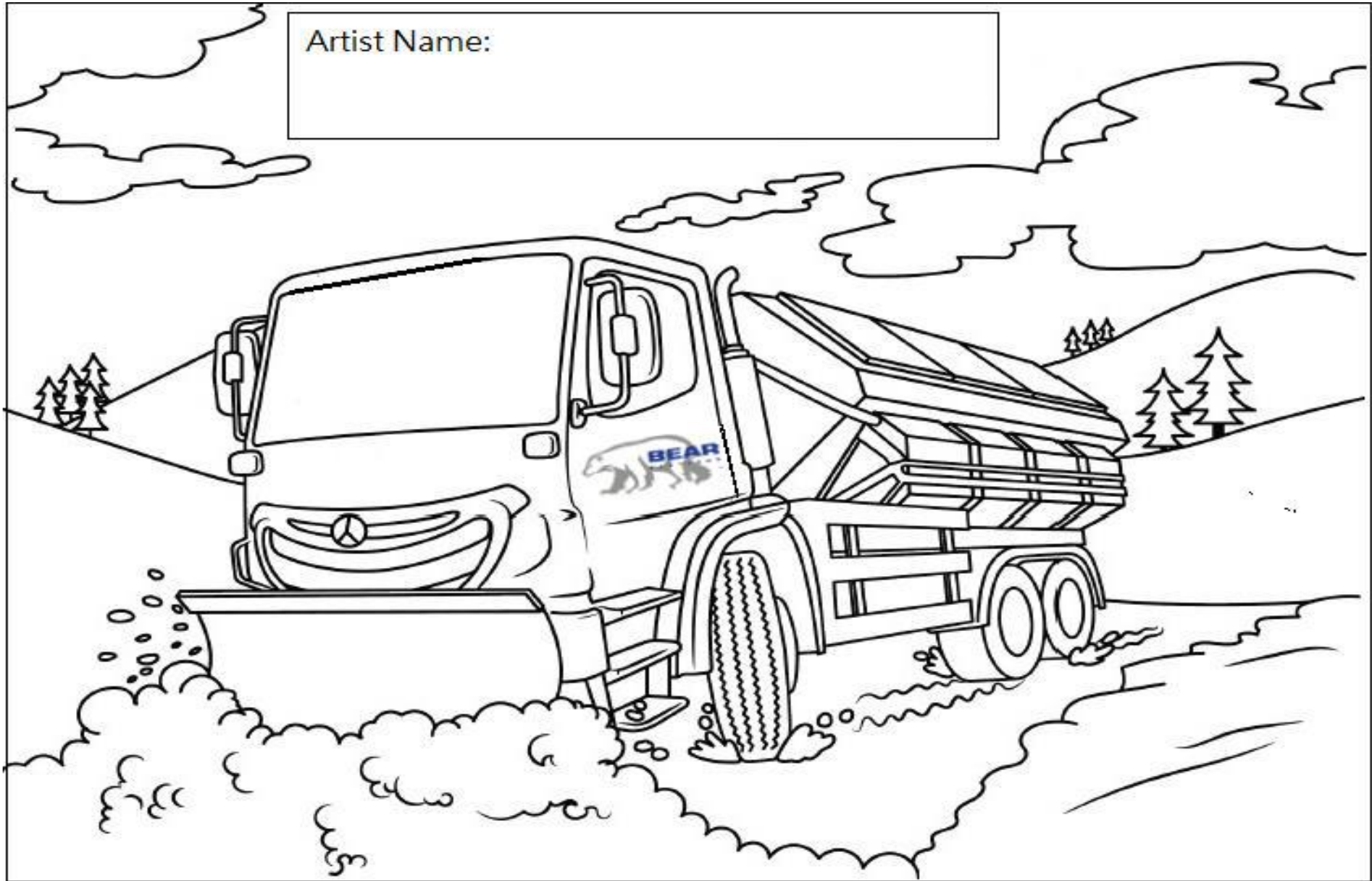
### To Enter

- Please select your **THREE** favourite names.
- [Enter Your Gritter Names Here](#)
- All entries must be received by BEAR Scotland **before midnight on Friday 23rd October 2020.**

WINTER ON THE TRUNK ROADS  
BEAR Winter Schools Competition



Artist Name:



# WINTER ON THE TRUNK ROADS BEAR Winter Schools Competition



**BEAR Scotland Limited**  
South East Unit Central Office, Forth Road Bridge, Queensferry, EH30 9SF

Registered Office: BEAR House, Inveralmond Road, Perth, PH13 7W  
Registered in Scotland No.206139

experience that delivers





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## Competition 2 - Be Winter Ready!

It is very important that we all know about measures we should take to help us to stay safe particularly when making a journey in the winter in poor weather conditions. As you know, our weather in Scotland is very changeable therefore we don't always anticipate how the weather may change and how that may impact on us.

We would love for your pupils to participate in our unique competition to design a logo, crest, slogan or strapline that we can use to help drivers remember what essentials they should have in their car, especially during the winter months.

The competition is open to all primary schools across south east Scotland and the winning entry will be displayed on our winter press and public materials for winter 2020/21.

### Lesson Suggestion

- Discuss with pupils their experiences of travelling during the winter months. What conditions have they experienced? Was it dark? How did they feel about being out?
- Ask pupils to think about what special measures engineers put in place to help us to travel especially in winter. This could include special road surfaces to improve tyre grip, handrails on footways, lighting on roads and streets etc.
- If there was a storm and pupils were in the car can they suggest what items they would like to have available to help to keep them safe, dry and warm. Suggestions would probably include warm jacket, gloves, boots or shoes to keep dry, jumper, torch, first aid kit, ice scraper, mobile phone with extra charger, blanket, shovel, snacks, emergency reflector triangle and reflective Hi Viz clothing.

**Design Task** - Pupils can work individually or in groups to:

- design a logo or a crest to show what would be useful to have in your car in case of a winter emergency (A4 size preferred); or
- design a catchy phrase/strapline or slogan to highlight what would be useful to have in your car in case of a winter emergency.

Select one person in each group to present their group idea to the rest of the class. When all presentations are complete ask pupils to vote for their overall favourite idea from each category.

**Prize** – The winner will have their Winter Ready logo/crest/phrase or slogan displayed on our winter press and public materials for winter 2020/21. The class teacher will receive a £75 voucher to buy something for use in the classroom.

**To Enter** – Please send an email headed “Be Winter Ready 2020” to [SECommunity@BearScotland.co.uk](mailto:SECommunity@BearScotland.co.uk) and include the following information:

- pupil name(s) and class along with your name, school name and a contact telephone number.
- Photograph of your selected winning design(s). Please retain the original artwork. If your entry is selected as the overall winner, we will require the original artwork for reproduction purposes.
- Please send your entry by **email before midnight on Friday 23rd October 2020.**

## BEAR Scotland Winter Service – Additional Information

- **What do we do in winter?** - One of the most important things we do is keep the roads clear of ice and snow through the winter.
- **What does that involve?** - To do that we have over 150 gritters and 290 drivers. The gritters spread salt on the roads which stop ice forming. We also have seven tractors with special snow clearing attachments which can help when the snow is very heavy and deep.
- **Where do we work?** Our gritters are spread all across the north and the south-east of Scotland, including in Hawick, Edinburgh, Perth, Dundee, Aberdeen, Inverness, Oban, Stirling, Fort William and Thurso at the very top of Scotland. They treat all the main roads in between these places and help keep all the snow off them. We have 29 depots across Scotland where we keep our gritters and salt supplies. 6 are in the South East area.
- **Why do we not want ice on the road?** – Because it's slippery and can cause vehicles to slide off the road! We want to keep people safe so we try to keep the snow and ice off the roads through winter as much as possible.
- **Is salt the same as the stuff we put on our chips?** – It's almost the same but we use rock salt. This is mined from deep under the ground and is delivered in big ships to harbours around Scotland.
- **How much salt do we use?** We use around 50,000 tonnes of salt every year, with more on a very cold year. That's around the same weight as:
  - The steel from 7 Eiffel towers (7,300 tonnes each),
  - 4166 double decker buses (12 tonnes each)
  - 8,300 African elephants (6 tonnes each),
  - 100,000 polar bears (1/2 tonne each)!
- **How does the salt work?** When we spread the salt we mix it with salty water called Brine. This helps the salt stick to the road surface rather than bounce off the road into the verge.
- **When do we spread the salt?** – Every day we get weather forecasts and decide which of the roads will be freezing and at what time that night. We then send the gritters out to those roads before the temperature drops. Normally that's 3 o'clock in the afternoon and sometimes again in the middle of the night to make sure the roads are in good condition before everyone goes to work or to school in the morning. We also have spreaders which patrol the roads throughout the night and early in the morning whilst everyone is asleep.
- **How do the gritters clear snow?** On the front of the gritter is a snow plough. When it snows the vehicles are sent out and they clear the snow. The snow plough is adjustable and has a rubber blade on the bottom to get as much of the snow off the road without damaging the blade. When the snow is very deep we also have tractors with snow ploughs and snowblower attachments which cut into deep snow and throw it to the side

## WINTER ON THE TRUNK ROADS BEAR Winter Schools Competition

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- **Other information:** Gritters cost over £100,000 each. Each one can hold 15 tonnes of salt and 3 tonnes of Brine (the same weight as about 30 polar bears!). In its lifetime, a gritter will travel around 25,000 miles every year for around 8 to 10 years.

# WINTER ON THE TRUNK ROADS BEAR Winter Schools Competition



## Schools BEAR Safe Winter Competition TERMS AND CONDITIONS

Below is the full list of Terms and Conditions relating to BEAR Scotland's 2020 Winter on the Trunk Roads competitions.

1. The promoter is: BEAR Scotland Ltd (company no. SC206139) whose registered office is at BEAR House, Inveralmond Road, Perth, PH1 3TW.
2. The competition is open to all primary schools in SE Scotland.
3. As entrants are under 18 years of age, entry to the competition must be made by a teacher on their behalf.
4. There is no entry fee to enter this competition.
5. By entering this competition, an entrant is indicating their agreement to be bound by these terms and conditions.
6. Route to entry for the competition are via [This Link](#) and SECommunity@BEARScotland.co.uk
7. No responsibility can be accepted for entries not received for whatever reason.
8. Any inappropriate names will automatically be disqualified.
9. The prizes - the winning name displayed on a BEAR Scotland gritter vehicle.
10. The prizes – winning crest/logo/slogan or phrase reproduced on several BEAR Scotland winter press and public materials for winter 2020/21. A £75 voucher will be provided to the class teacher of the winning entrant for purchasing something for the classroom.
11. The prize is as stated and no cash or other alternatives will be offered. The prizes are not transferable. Prizes are subject to availability and we reserve the right to substitute any prize with another of equivalent value without giving notice.
12. Winners will be chosen by a panel of judges from the BEAR Scotland team.
13. The closing date is **midnight on Fri 23<sup>rd</sup> Oct 2020**;
14. The winners will be notified by email to their teacher within 28 days of the closing date. If the winners cannot be contacted or do not claim the prize within 14 days of notification, we reserve the right to withdraw the prize from the winner and pick a replacement winner.
15. The promoter will notify the winner when the prize is to be delivered.
16. The promoter's decision in respect of all matters to do with the competition will be final and no correspondence will be entered into.
17. By entering this competition, an entrant is indicating their agreement to be bound by these terms and conditions.
18. BEAR Scotland shall have the right, at its sole discretion and at any time, to change or modify these terms and conditions and such change shall be effective immediately.
19. The competition and these terms and conditions will be governed by Scots law and any disputes will be subject to the exclusive jurisdiction of the courts of Scotland.
20. The winner agrees to the use of their name and school name in any publicity material, as well as their entry. Any personal data relating to the winner or any other entrants will be used solely in accordance with current UK GDPR data protection legislation and will not be disclosed to a third party without the entrant's prior consent.
21. BEAR Scotland also reserves the right to cancel the competition if circumstances arise outside of its control.
22. Entry into the competition will be deemed as acceptance of these terms and conditions.
23. This promotion is in no way sponsored, endorsed or administered by, or associated with, Twitter or any other Social Network. You are providing your information to BEAR Scotland and not to any other party. The information provided will be used in conjunction with the following Privacy Policy found at <http://bearsco.com/Privacy/>