



# Christmas rally

Answer at least 9 of the 12 questions correctly and drop the completed sheet into our submission box at the Science Communication Lab (SCLab) by January 6th, 2025!

## Level 0:



Model Railway Department: Before Christmas, trains bring many gifts to their destinations. Which historical steam locomotive does our tactile model show in three different sizes? \_\_\_\_\_



Not only Santa's reindeer can transport presents. Near the large window in the modern aviation section, there is a yellow parcel drone. What is the maximum weight of the gift it can carry? \_\_\_\_\_



"Silent Night, Holy Night" was performed for the first time in 1818. Find the matching sign on the timeline on the wall of the Energy and Motors Department. Who is shown in the picture above it? \_\_\_\_\_



Level 1:  
Music is part of the Christmas spirit. Find the largest musical instrument in the museum. What is it? \_\_\_\_\_



One instrument in the museum plays almost as if by magic, without being touched – perfect for Christmas time! Which instrument is it?  
\_\_\_\_\_



Christmas and chocolate are a perfect match. Have a look in the chemistry exhibit near the periodic table: How many chocolates do you see? \_\_\_\_\_



Find the two mountaineers. The man is dressed in typical 1930s mountaineering gear. Would you wear that in the snow? \_\_\_\_\_

**Level 2:**



Photography in the diorama "Atelier Photograph around 1860" was much more elaborate than today's Christmas photos. What kind of figure is mounted in the corner on the wall? \_\_\_\_\_



Have a look at the star in the hands-on math station. What kinds of symmetry does it have? \_\_\_\_\_ and \_\_\_\_\_



There's something christmassy hidden on the scrap tornado in the Electronics Department. What is it? \_\_\_\_\_



Today we send Christmas cards or messages on smartphones, but in the past, Morse code was also used. What does it say here? \_\_\_\_\_

**Level 3:**



What food items are hidden behind the snowflake on the food shelf in the Agriculture and Food exhibit? Check the media table to find out. \_\_\_\_\_

**Level -1 in the entrance hall:**

Welcome to the Science Communication Lab (SCLab)! By the Christmas tree is the drop-off box for the Christmas rally.



Name and surname: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Participation from 18 years, recourse to the courts is not permitted.

