

# HOME INVESTIGATORS JOURNAL

Name: .....

# HOME INVESTIGATORS CRITERIA – YEAR 4

## CRITERIA

- Over this year, you need to complete at least 8 Home Learning activities.
- At least two challenges from each category need to be completed from Inquiry, Helping Hands, Physical Education and Health, Numeracy, Literacy and Arts.

## WEDGES

- Each time you successfully complete a challenge, you will receive a wedge to add to your blank wheel.
- The wedge will have the colour and task code that you completed. When you have completed all of your tasks, you should have a multi-coloured wheel full of wedges.
- When you complete your task wheel, you will receive a certificate or reward from your teacher.

## AM I FINISHED?

- Make sure you have included all that you can by looking through the checklist on the planning sheet.
- Remember, these tasks are supposed to take time and effort to do. If you find yourself getting through an activity in a couple of hours, you are probably not completing it to the best of your ability.
- Remember to check-in with your teacher to see if you are on the right track.
- If you complete your wheel early, you may ask for another wheel and do more challenges.

## SETTING UP YOUR BOOK

- This will be the book you use to document all of your work.
- Decorate and attach your cover page to your Home Investigators Journal. Make sure you name it.
- Cut out and paste your blank wedge wheel on the inside of the front cover of your Home Investigators Journal.
- The next page in your book needs to have your Home Investigators Tasks – Year 4 sheet. Then, glue this sheet on the following page.
- Make sure you begin every new task with your Home Investigators Planning Page. This needs to be signed by your teacher before you begin each task.

## COMPLETING TASKS

- Read over the tasks and choose one that you would like to do. Remember to have fun with the challenge. Make it as memorable for you as it is for the person marking it. Make sure you choose tasks that will interest you.
- Once you have decided, you need to write a plan and go over your plan with your teacher.
- When completing a challenge, you need to make sure you submit all planning, writing, document items, photos, illustrations, diary entries, letters, PowerPoint slides and anything else that shows evidence of your work or makes your task more interesting and informative.
- Make sure your work is neat, labelled clearly, edited, decorated, well-documented and will engage the audience.
- You are expected to produce work that you are capable of creating – and more! If you are performing above expectations, your teacher will give you a golden frosted wedge instead of a standard coloured wedge.
- You may be asked to add to your investigator task if your teacher expects more work or work of a higher quality.
- You can only complete a task once. You cannot repeat a challenge idea unless this has been organised with your teacher.
- In each category, Activity 6 is always a 'design your own' challenge. If you think of your own inquiry idea, talk it over with your teacher to make sure it is substantial enough to be a Home Investigators task.
- Your parents can be assistants, but ultimately you need to drive your ideas.

Parent Sign .....

# HOME INVESTIGATOR PLANNING SHEET

Describe your plan...

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I could solve this by...

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I am interested in this because...

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I may need help from...

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I would like to find out...

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A resource I will need to use is...

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I predict this inquiry will go...

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To find out more I may need to contact...

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Some challenges I might face will be...

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I plan to display this in my book by...

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## CHECKLIST

I may need to...

- ☐ Ask an expert
- ☐ Peer check
- ☐ Seek work advice
- ☐ Use reputable sources
- ☐ Visit the local library
- ☐ Visit a museum
- ☐ Use diagrams
- ☐ Include illustrations
- ☐ Include photos
- ☐ Include tables
- ☐ Include graphs/charts
- ☐ Create brochures
- ☐ Include article clippings
- ☐ Write letters
- ☐ Make things printable
- ☐ Do an engagement test
- ☐ Use crafts
- ☐ Create a presentation
- ☐ Create artworks
- ☐ Show and tell

TASK CODE:

Teacher Sign .....

# HOME INVESTIGATORS TASKS – YEAR 4

## INQUIRY

- I1 Research light and find ways to model reflection, refraction and absorption. Write an article explaining all three, and include experiments.
- I2 Research an exotic animal from another country, and create a model of its enclosure for a zoo in your city. Make sure you consider what it needs to survive, including its habitat, food and care. Write a report in your journal.
- I3 Create a compost worm farm at home. Document what you did to build and fill it. Once it is established, add 5 food items and document their decomposition.
- I4 Interview an expert about a topic you are interested in. Write your interview questions beforehand, and fill them out when you interview the person.
- I5 Choose a planet in our solar system to study. Create an informative poster and a balloon papier-mâché model displaying what it looks like.
- I6 Design your own challenge. (Check this with your teacher.)

## LITERACY

- L1 Create the business of your dreams. Plan the service, location, type of clients, income, staff, and more. Draw models of your business, including its products and shop layout, and write a descriptive advertisement promoting your business.
- L2 On a poster, design a new playground for your school. Think about fun, usability and safety features. Create a persuasive writing piece designed to convince your principal that this playground should exist in your school.
- L3 Write a creative story of your choice, and submit it to a children's writing competition.
- L4 Research another country and compare it your own. Compare foods, celebrations, customs, music, games, sports, and more.
- L5 Write a letter to a loved one or friend who does not live in your town. Try to get a letter back, and bring it into class to share. To extend this task, you could write multiple letters over a period of time.
- L6 Design your own challenge. (Check this with your teacher.)

## ARTS

- A1 Search for a recipe for slime, and make it from scratch. Create three different varieties, and then experiment by making your own version.
- A2 Research a local artist and study their style. Write an article about them and why you admire their talent. Create your own art piece inspired by them.
- A3 Learn a new craft, such as baking, cross-stitch, mosaics, pottery or woodwork. Write a journal about your craft session. When your masterpiece is complete, bring the finished artwork into the classroom.
- A4 Join a group at your school (band, choir, art class, or drama), and attend all performances and rehearsals.
- A5 Design your own puppet show, including the script, stage/box, and at least three characters. Perform the show in front of your class.
- A6 Design your own challenge. (Check this with your teacher.)

# HOME INVESTIGATORS TASKS – YEAR 4 (CONT.)

## HELPING HANDS

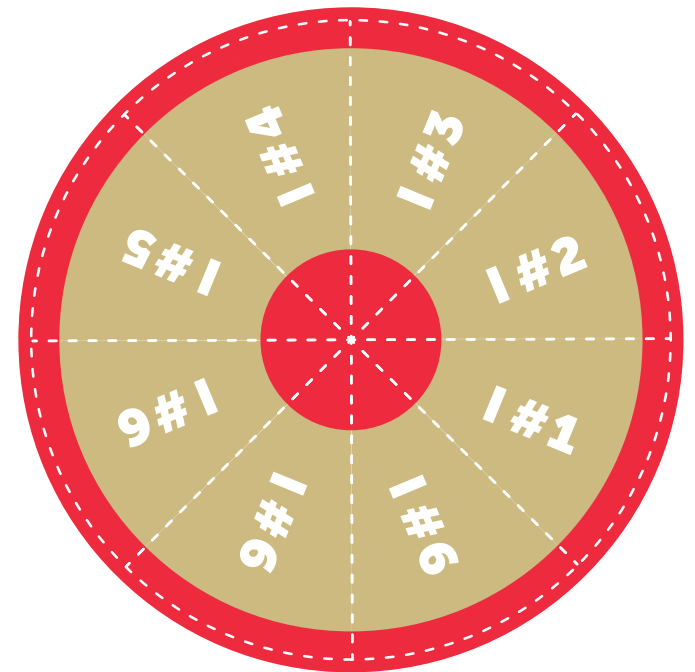
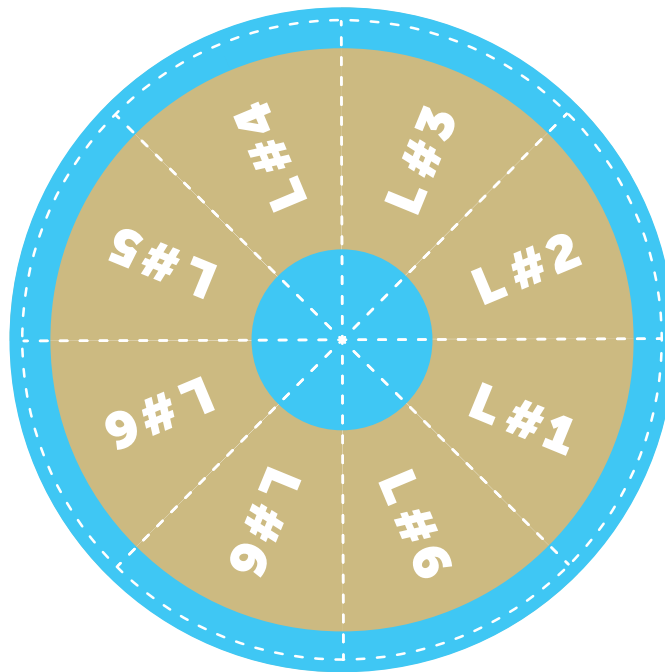
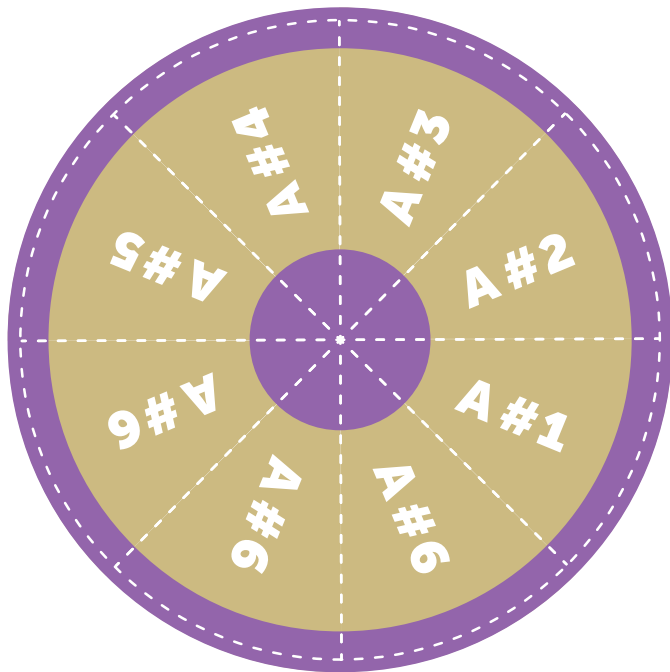
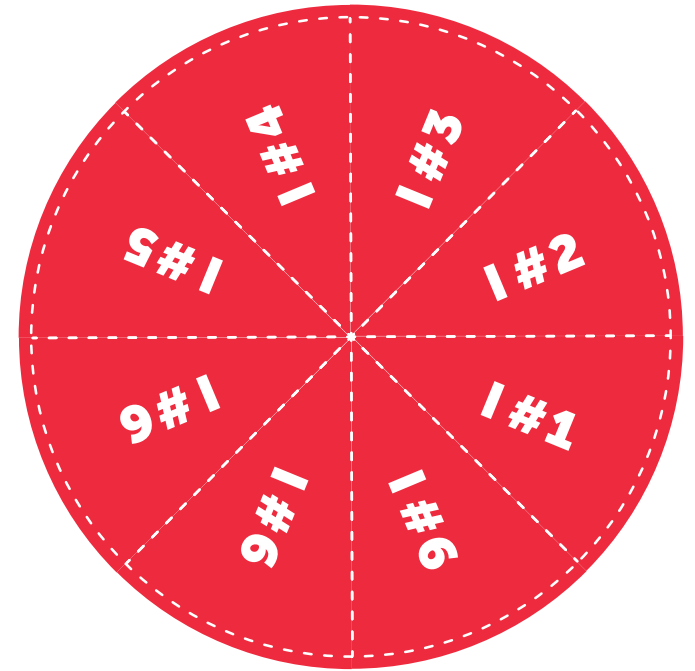
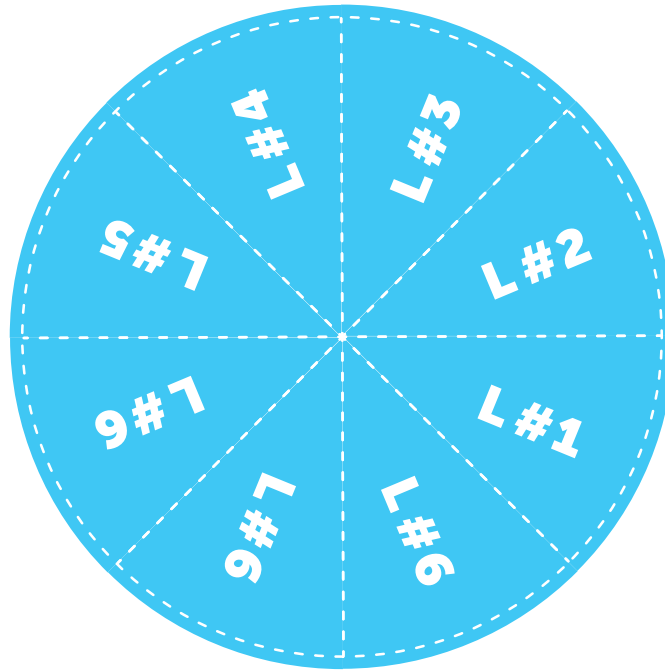
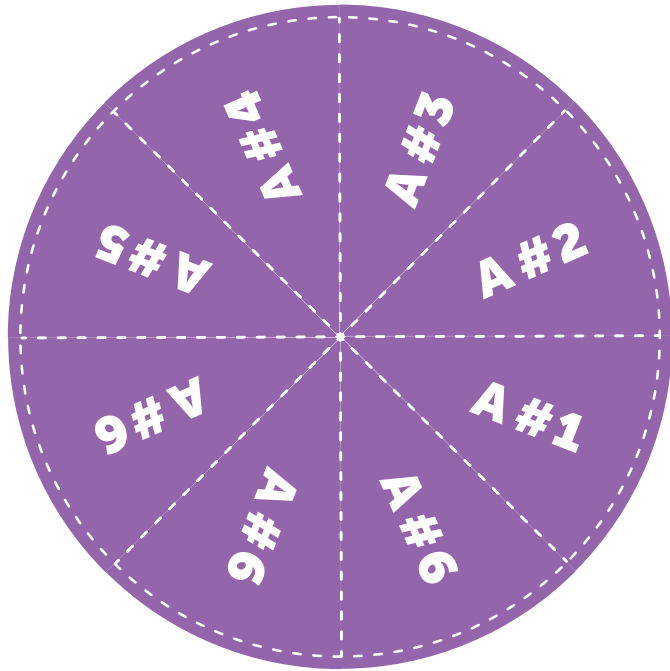
- H1** Organise to help people or animals in need. Do a food collection with friends and family to donate to a charity of your choice. E.g. collect cans and donate the money to RSPCA.
- H2** Volunteer your time to visit an elderly person. Visit them at least 8 times over a term. Each time you visit, bring them something you have made.
- H3** Bake for the class. Research and graph the allergies or dietary needs of your classmates, and then cater for the whole class with a voted-on, approved food choice that everyone can eat.
- H4** Help out at school by tidying an area that needs some attention. With your teacher, discuss how you plan to tidy up any rubbish, weeds and debris.
- H5** Talk to your teacher to organise helping a younger student who needs an older buddy reader. Read with the student, or group of students, at least 10 times over two terms.
- H6** Design your own challenge. (Check this with your teacher).

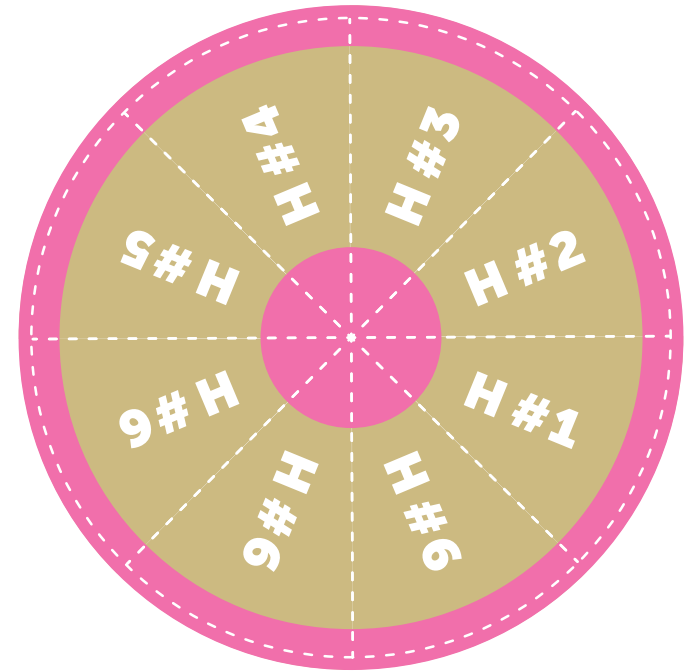
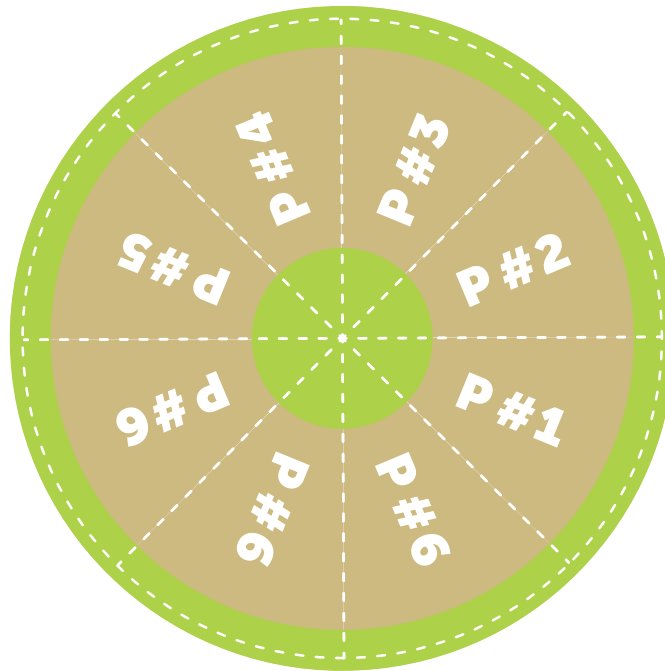
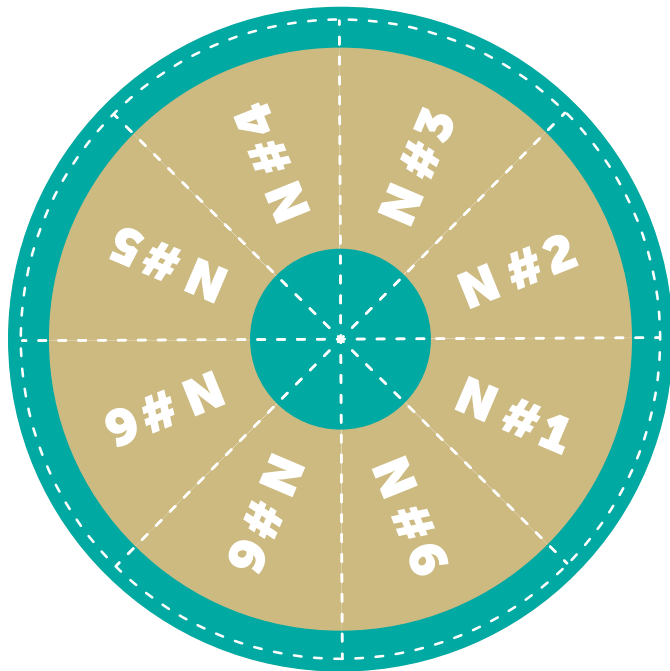
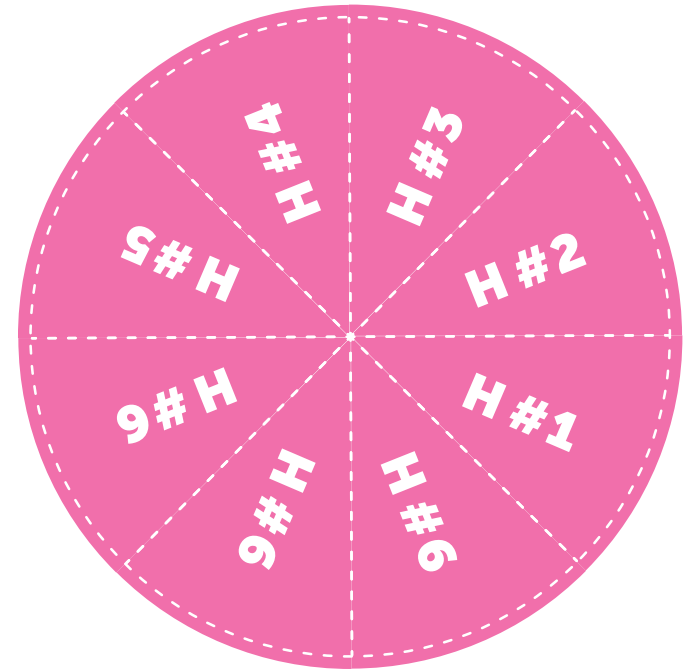
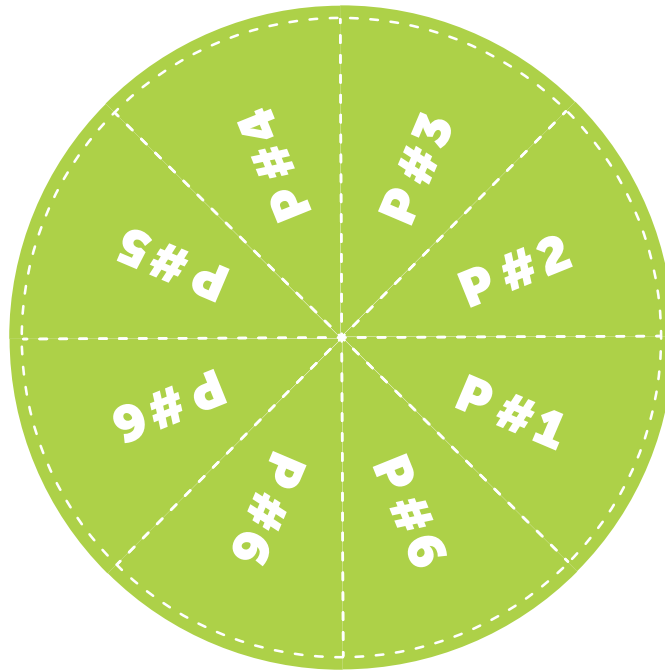
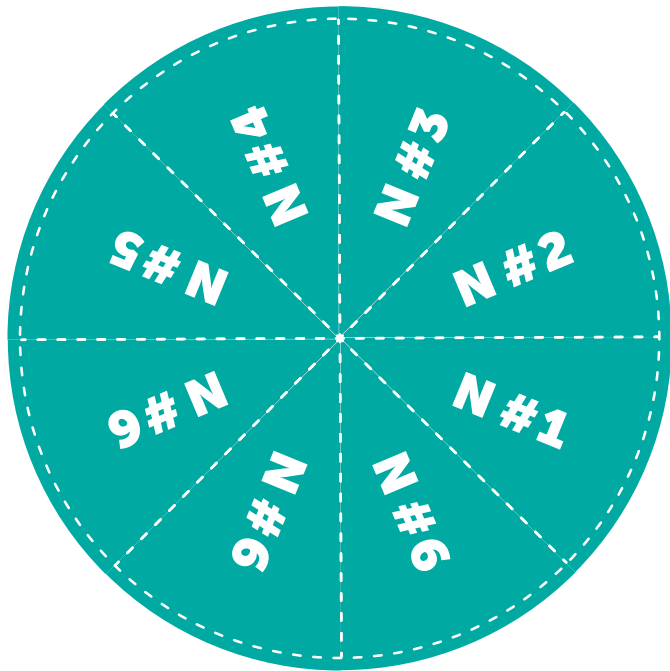
## PHYSICAL EDUCATION AND HEALTH

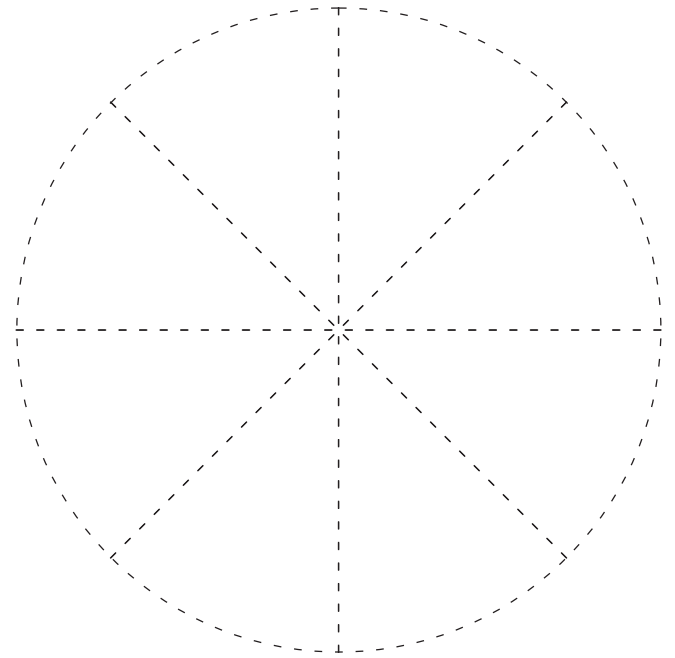
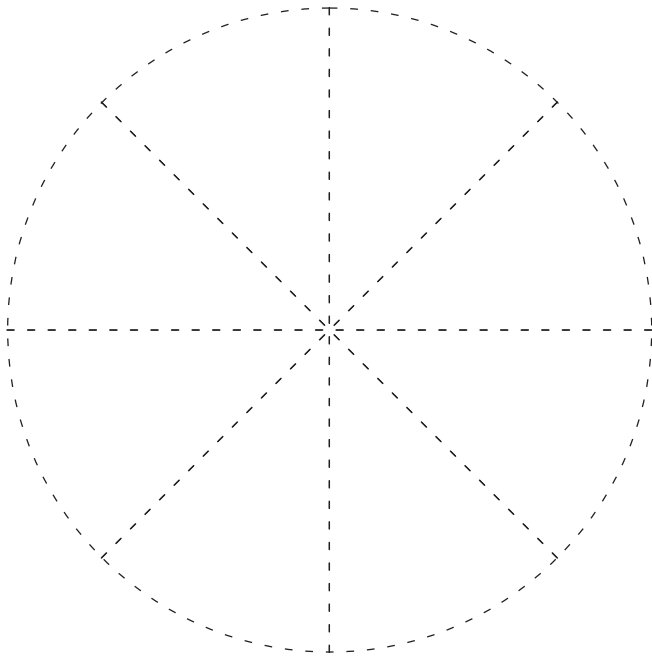
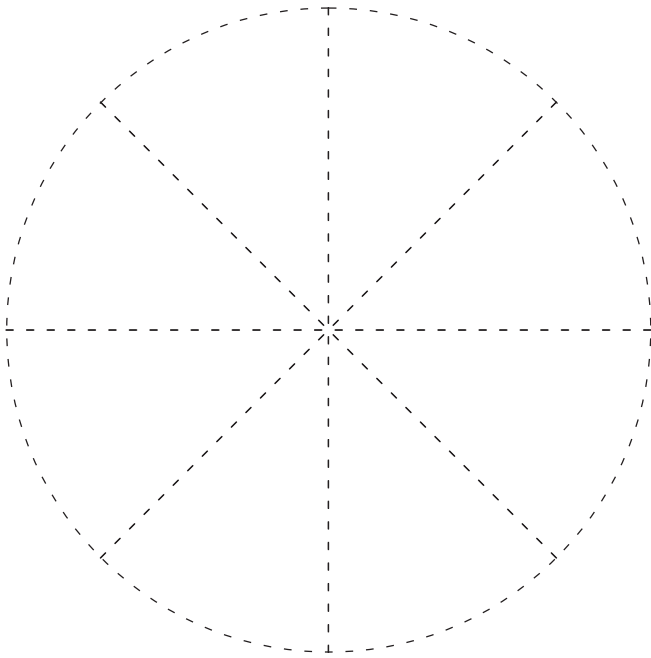
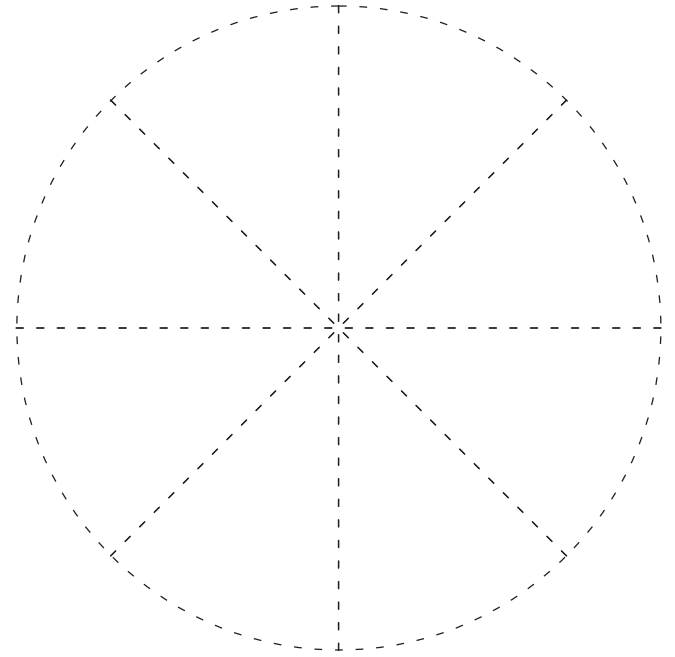
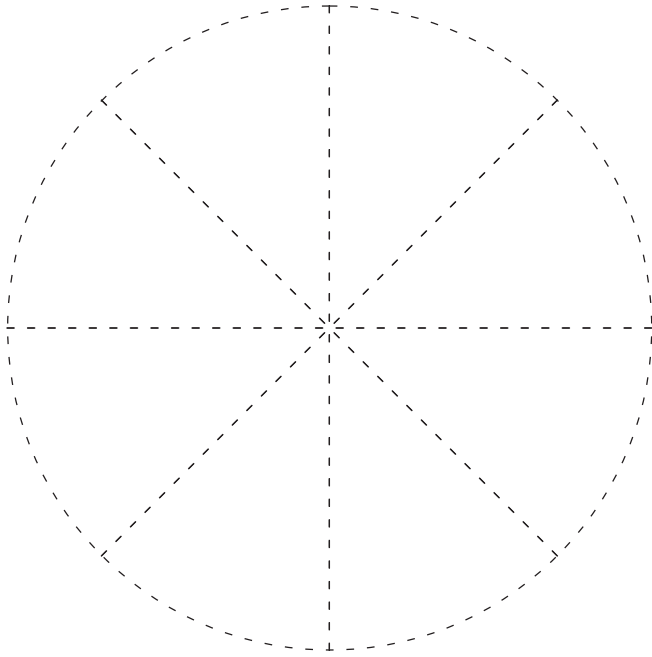
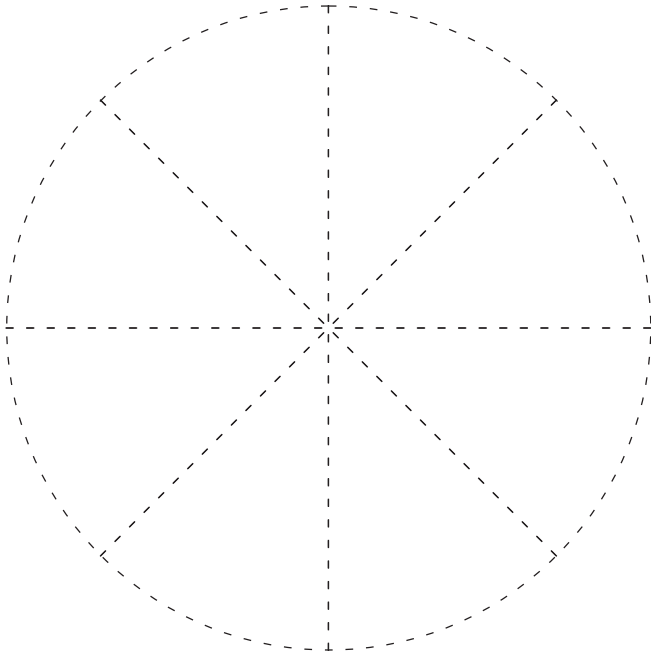
- P1** Play a sport – such as basketball, martial arts, swimming, gymnastics or dance – for an entire season.
- P2** Try at least 7 new activities, such as rock-climbing, snorkelling, abseiling, kayaking, or surfing. Keep a detailed journal of your experiences, and include photos.
- P3** Complete at least 8 bushwalking tracks in your area. Document each one and include drawings or photographs of specific flora and fauna you encountered. Create a map to show the location of the tracks and the animals/plants you saw there.
- P4** Set a sporting goal you would like to achieve. Measure your starting point and show your progress over at least 10 weeks.
- P5** Invent your own game, and create a poster that includes rules and diagrams describing how to play it. Teach the game to your class.
- P6** Design your own challenge. (Check this with your teacher.)

## NUMERACY

- N1** Use your measurement skills to create a bird's-eye blueprint of your dream studio apartment. Ensure it includes a living space, bathroom, kitchenette, and at least one bedroom.
- N2** Imagine you have 24 hours to travel around 5 cities in your country or state. Use an online travel planner to research flights to these cities. Show your journey on a map, and make a timetable or itinerary that includes flight times and costs.
- N3** Create a statistical investigation that can be measured over a 10-week period. Start with a prediction, and create a graph that helps you record your data.
- N4** Test your multiplication skills by timing how quickly you can fill in a blank 12 X 12 times table. Record your first time and then continue to time yourself at the end of each week for 10 consecutive weeks. Create a graph from the data.
- N5** Complete the Time Maths Investigation: Sands of Time. (Get this from your teacher.)
- N6** Design your own challenge. (Check this with your teacher.)









# WELL DONE!

You completed your Home Investigators tasks.

Awarded To:

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Teacher: .....

Date: .....