# activity schedule broome community college Document

**activity schedule broome community college** is an essential resource for students, staff, and community members aiming to stay informed about upcoming events, classes, workshops, and extracurricular activities at Broome Community College. An organized activity schedule not only helps in planning your semester but also encourages active participation in campus life, fostering a vibrant educational environment. In this comprehensive guide, we will explore the various components of the activity schedule at Broome Community College, how to access it, and tips for making the most of the opportunities available.

Understanding the Broome Community College Activity Schedule

The activity schedule at Broome Community College is a detailed calendar that outlines all scheduled events, academic programs, student activities, and community engagement opportunities. It serves as an essential tool for students to stay connected, involved, and proactive throughout their academic journey.

Importance of the Activity Schedule

- Stay Informed: Keeps students updated on upcoming events and deadlines.
- Enhance Engagement: Promotes participation in extracurricular activities.
- Plan Effectively: Helps in managing academic and personal schedules.
- Build Community: Fosters a sense of belonging and campus involvement.

How to Access the Broome Community College Activity Schedule

Broome Community College offers multiple channels for students and staff to access the activity schedule:

- Online College Calendar

The primary source for the activity schedule is the official college website. The calendar is regularly updated and includes detailed descriptions of each event.

- Visit the Broome Community College Official Website.
- Navigate to the Campus Life or Events Calendar section.
- Use filters to view specific categories such as academic events, student activities, or community programs.

- Student Portal

The student portal provides personalized access to schedules, event notifications, and upcoming deadlines.

- Log in to the MyBCC Student Portal.
- Check the Events & Announcements section for upcoming activities.
- Subscribe to notifications for real-time updates.

- College Bulletin Boards and Newsletters

Physical and digital bulletin boards around campus display posters and flyers about upcoming activities.

- Visit common areas such as the Student Center, Library, and Cafeterias.
- Review the digital newsletters emailed weekly or monthly.

- Social Media Platforms

Follow Broome Community College?s official social media accounts for instant updates and event reminders.

- Facebook
- Twitter
- Instagram
- YouTube

Types of Activities and Events Scheduled at Broome Community College

The activity schedule at Broome Community College encompasses a wide variety of programs

designed to support academic success, personal development, and community engagement.

Academic and Educational Events

- Workshops and Seminars: Focused on skill development, career planning, and academic resources.
- Guest Lectures: Featuring industry professionals and alumni sharing insights.
- Convocations and Award Ceremonies: Celebrating student achievements.
- Orientation Programs: For new students to familiarize themselves with campus resources.

Student Life and Extracurricular Activities

- Clubs and Organizations: Cultural, academic, recreational, and special interest clubs.
- Sports Events: Intramural leagues and college team matches.
- Arts and Cultural Events: Theater productions, art exhibitions, and music performances.
- Health and Wellness Programs: Yoga classes, mental health workshops, and fitness challenges.

Community and Outreach Programs

- Volunteer Opportunities: Local community service projects.
- Partnership Events: Collaborations with local businesses and organizations.
- Fundraising Events: Charity drives and awareness campaigns.

Special Themed Events

- Celebrations for holidays such as Thanksgiving, Halloween, and Black History Month.
- Diversity and inclusion events.
- Career fairs and job expos.

How to Make the Most of the Activity Schedule

Maximizing your involvement in campus activities requires proactive planning and engagement. Here are some tips:

- Regularly Check the Schedule

Set reminders to review the activity calendar weekly to stay updated on upcoming events.

- Prioritize Your Interests

Identify activities that align with your academic goals or personal interests to ensure meaningful participation.

- Join Clubs and Organizations

Participation in student clubs fosters leadership skills and networking opportunities.

- Attend Workshops and Seminars

Enhance your academic and professional skills through targeted learning sessions.

- Volunteer and Engage with the Community

Building community connections can enrich your college experience and expand your support network.

- Use Social Media and Notifications

Enable alerts and follow social media pages for instant updates and last-minute event announcements.

Creating Your Personal Activity Schedule at Broome Community College

To effectively manage your time, consider creating a personalized schedule:

Step 1: List Your Academic Commitments

- Class times
- Study sessions
- Assignment deadlines

Step 2: Incorporate Campus Activities

- Mark dates of workshops, club meetings, and events you wish to attend.

Step 3: Allocate Time for Personal and Recreational Activities

- Exercise, hobbies, and relaxation.

Step 4: Use Digital Tools

- Calendar apps or planners to organize your schedule efficiently.

Step 5: Review and Adjust

- Regularly update your schedule based on new events or changing priorities.

Benefits of Active Participation in Broome Community College Activities

Engaging in campus activities offers numerous benefits:

- Skill Development: Leadership, communication, and organizational skills.
- Networking Opportunities: Connecting with peers, faculty, and industry professionals.
- Enhanced Resume: Demonstrating involvement and initiative.
- Personal Growth: Building confidence and cultural awareness.
- Academic Success: Support systems and resources that contribute to higher achievement.

Conclusion

The activity schedule at Broome Community College is more than just a calendar; it is a gateway to a richer, more fulfilling college experience. By actively engaging with the diverse range of events and programs offered, students can develop new skills, form meaningful connections, and make the most of their time at Broome CC. Whether you access the schedule online, through social media, or via campus notices, staying informed and involved is key to maximizing your college journey. Start planning today and embrace the vibrant community that awaits you at Broome Community College!

Additional Resources

- Broome Community College Official Website: [Insert URL]
- MyBCC Student Portal: [Insert URL]
- College Social Media Accounts:
- Facebook: [Insert link]
- Twitter: [Insert link]
- Instagram: [Insert link]

Remember, an active and well-organized schedule is the foundation for a successful and enjoyable college experience. Stay engaged, stay informed, and make the most of everything Broome Community College has to offer.

Activity Schedule Broome Community College: An In-Depth Guide to Engaging Student Life

Broome Community College (Broome CC) is renowned not only for its academic excellence but also for its vibrant and diverse activity schedule that fosters student engagement, community involvement, and personal growth. Whether you're a prospective student, a current attendee, or a community member interested in the college?s offerings, understanding the breadth and depth of Broome CC?s activity schedule is essential. This comprehensive guide explores every facet of the activity calendar, providing insights into how students can maximize their experience.

## Overview of Broome Community College?s Activity Schedule

Broome CC?s activity schedule is designed to cater to a wide array of interests, ensuring that every student finds something meaningful and engaging. The college?s commitment to fostering a holistic educational environment extends beyond academics, emphasizing extracurricular involvement, cultural enrichment, leadership development, and community service.

Key features include:

- A diverse lineup of student clubs and organizations
- Regularly scheduled campus events and activities
- Cultural and arts programs
- Wellness and fitness initiatives
- Leadership and professional development workshops
- Community engagement and service projects

The schedule is dynamic, with activities planned throughout the academic year, including orientation periods, semester-specific events, and special celebrations.

## Core Components of the Activity Schedule

## 1. Student Clubs and Organizations

Broome CC boasts over 50 student-led clubs and organizations spanning academic, cultural, recreational, and special interest categories. These clubs are vital in promoting peer interaction, leadership skills, and networking opportunities.

Popular Examples Include:

- Student Government Association (SGA)
- Academic Honor Societies
- Cultural and Diversity Clubs
- Environmental and Sustainability Groups
- Performing Arts and Music Clubs
- Professional Development and Career-focused Groups

Participation Benefits:

- Enhances resume and career prospects
- Builds leadership and teamwork skills
- Offers social connections and lifelong friendships
- Provides avenues for community service and outreach

How to Get Involved:

- Attend club fairs held at the start of each semester
- Join via college?s student portal or contact club advisors
- Participate in club meetings and events throughout the year

## 2. Campus Events and Activities

Regularly scheduled campus-wide events serve as focal points for community bonding and entertainment.

Typical Events Include:

- Welcome Week and Orientation Activities
- Fall Fest and Spring Carnival

- Cultural Heritage Celebrations (e.g., Black History Month, Hispanic Heritage Month)
- Holiday Parties and Seasonal Celebrations
- Career Fairs and Job Search Workshops
- Guest Lectures and Author Visits
- Film Screenings and Theatrical Performances

These events are often free or low-cost, encouraging broad student participation and fostering a lively campus atmosphere.

## 3. Arts and Cultural Programs

Broome CC emphasizes the arts as a core component of student activity schedules.

Offerings Include:

- Art exhibitions showcasing student and local artists
- Music concerts featuring student ensembles and local bands
- Theater productions and drama clubs
- Poetry readings and open mic nights
- Photography competitions

Participation in these programs nurtures creativity and provides students with opportunities to showcase their talents.

## 4. Wellness and Fitness Activities

Physical and mental wellness are integral to student success. Broome CC offers a variety of fitness and wellness programs to support this.

Activities Include:

- Group fitness classes (e.g., yoga, Zumba, aerobics)
- Intramural sports leagues (basketball, volleyball, soccer)
- Wellness workshops addressing stress management, nutrition, and mental health
- Access to gym facilities and outdoor recreational spaces
- Mindfulness and meditation sessions

These activities promote a healthy lifestyle and provide stress relief during demanding academic periods.

### 5. Leadership Development and Workshops

Broome CC invests heavily in cultivating future leaders through targeted programs.

Program Highlights:

- Leadership training seminars
- Public speaking and communication workshops
- Peer mentoring programs
- Volunteer leadership opportunities in campus organizations
- Conference participation and off-campus leadership retreats

These initiatives aim to develop soft skills essential for professional success.

### 6. Community Service and Outreach

Engaging with the wider community is a core mission of Broome CC?s activity schedule.

Opportunities Include:

- Volunteer days at local shelters and food banks
- Fundraising events for charitable causes
- Environmental clean-up campaigns
- Tutoring and mentorship for local youth
- Partnerships with local businesses and organizations

Participation not only benefits the community but also enriches students? personal development and civic responsibility.

## Schedule Planning and Accessibility

### Academic Calendar and Event Planning

The activity schedule is aligned with the academic calendar to maximize student involvement.

Key Periods:

- Orientation Week (early semester)

- Welcome Back Events (start of fall and spring semesters)
- Midterm and Finals Week Activities (stress-relief events)
- End-of-term Celebrations

The college?s Student Activities Office maintains a detailed calendar accessible via the college website, social media channels, and campus bulletin boards.

### Accessibility and Inclusivity

Broome CC ensures all students can participate regardless of physical abilities or schedules.

Features Include:

- Virtual attendance options for select events
- Multilingual event promotions
- ADA-compliant facilities and accommodations
- Flexible scheduling for evening and weekend activities

This commitment to accessibility ensures a vibrant, inclusive campus community.

## How to Maximize Your Engagement

To make the most of Broome CC?s activity schedule, students are encouraged to:

- Attend Orientation and Info Sessions: Learn about available activities early on.
- Regularly Check the Calendar: Stay updated on upcoming events via the college?s online portal.
- Join Multiple Clubs: Diversify your experiences and meet different student groups.
- Volunteer for Organizing Committees: Gain leadership experience and visibility.
- Balance Academic and Extracurriculars: Prioritize activities that align with your interests and career goals.
- Provide Feedback: Share suggestions to improve or introduce new activities.

Active participation not only enhances your college experience but also builds skills and memories that last a lifetime.

## Conclusion: A Rich Tapestry of Engagement at Broome Community College

Broome Community College?s activity schedule is a testament to its dedication to nurturing well-rounded individuals. The diverse range of programs?from student organizations and cultural events to wellness initiatives and community service?ensures that every student can find avenues to grow personally, socially, and professionally.

Engagement in these activities cultivates leadership, fosters cultural understanding, promotes wellness, and builds lasting friendships. For current and prospective students alike, embracing the activity schedule at Broome CC is a crucial step toward a fulfilling college journey. Take advantage of the opportunities, participate actively, and let your college experience be as enriching outside the classroom as it is inside.

Remember: The key to a memorable college experience is involvement?so dive into the vibrant life at Broome Community College and make your mark!

QuestionAnswer What types of activities are included in the Broome Community College activity schedule? The activity schedule at Broome Community College includes academic workshops, student club meetings, fitness classes, cultural events, and community service opportunities designed to engage students beyond the classroom. How can students access the latest activity schedule at Broome Community College? Students can access the latest activity schedule through the college's official website, student portal, or by subscribing to the campus newsletter for updates on upcoming events and activities. Are there any virtual activities included in Broome Community College's activity schedule? Yes, the college offers various virtual activities such as online seminars, webinars, virtual club meetings, and remote fitness classes to accommodate remote learners and those unable to attend in person. How often is the activity schedule updated at Broome Community College? The activity schedule is typically updated monthly to reflect upcoming events, new activities, and any changes to existing programs, ensuring students have current information. Can students suggest new activities to be added to Broome Community College's schedule? Absolutely! Students are encouraged to submit suggestions for new activities or events through the college's student activities office or online feedback forms to help tailor the schedule to student interests.

**Related keywords:** Broome Community College, activity calendar, student events, campus schedule, college activities, event planning, academic calendar, student life, campus events, community programs

## Pogil the activity series answers

**pogil the activity series answers** are an essential resource for students and educators seeking to understand the reactivity of metals and the principles behind chemical reactions. The POGIL

(Process Oriented Guided Inquiry Learning) activity series is designed to foster active learning through guided inquiry, helping learners grasp complex concepts related to the activity series of metals. This article provides a comprehensive overview of the activity series, offers detailed answers to typical POGIL activities, and explains how understanding these answers can enhance your grasp of chemical reactivity and metal displacement reactions.

# Understanding the Activity Series of Metals

## What Is the Activity Series?

The activity series of metals is a ranked list that arranges metals based on their reactivity with other substances, especially acids and water. Metals higher in the series are more reactive and can displace metals lower in the series from their compounds. This concept is fundamental in predicting the outcomes of various chemical reactions involving metals.

## Purpose of the Activity Series

- To predict whether a metal will react with acids or water.
- To determine the feasibility of displacement reactions.
- To understand the relative reactivity of different metals.
- To assist in identifying safe handling and storage of metals.

## Commonly Used Reactivity Series

The activity series typically includes metals such as:

- Potassium (K)
- Sodium (Na)
- Calcium (Ca)
- Magnesium (Mg)
- Aluminum (Al)
- Zinc (Zn)
- Iron (Fe)
- Lead (Pb)
- Copper (Cu)
- Mercury (Hg)
- Silver (Ag)
- Gold (Au)

# Key Concepts in POGIL Activities on the Activity Series

## Displacement Reactions

Displacement reactions occur when a more reactive metal displaces a less reactive metal from its compound. For example:

- Zinc reacting with copper sulfate: Zn + CuSO? ? ZnSO? + Cu

## Reactions with Water and Acids

Metals react differently depending on their position in the activity series:

- Highly reactive metals (e.g., potassium, sodium) react vigorously with water.
- Moderately reactive metals (e.g., zinc, iron) react slowly or not at all with water but react with acids.
- Less reactive metals (e.g., copper, silver) usually do not react with acids or water.

## Corrosion and Protection

Understanding the activity series helps in preventing corrosion:

- Sacrificial protection involves placing a more reactive metal (like zinc) to protect less reactive metals (like iron).

# Common POGIL Activity Series Questions and Answers

## Question 1: Rank the following metals from most reactive to least reactive: magnesium, copper, zinc, and silver.

- Most reactive: Magnesium
- Zinc
- Copper
- Least reactive: Silver

Answer Explanation: Magnesium is higher in the activity series, meaning it reacts more readily with acids and water. Zinc is below magnesium but above copper and silver, which are much less

reactive.

### Question 2: Will zinc displace copper from copper sulfate? Explain your answer.

Answer: Yes, zinc will displace copper from copper sulfate because zinc is more reactive than copper according to the activity series. The reaction is:

- Zn + CuSO? ? ZnSO? + Cu

### Question 3: Which metals will react with water? Provide examples from the activity series.

Answer: Metals above hydrogen in the activity series react with water:

- Potassium (K)
- Sodium (Na)
- Calcium (Ca)
- Magnesium (Mg)

Example: Sodium reacts vigorously with water:

- 2 Na + 2 H?O ? 2 NaOH + H?

### Question 4: Why does gold not react with acids or water? Use the activity series to support your answer.

Answer: Gold is at the bottom of the activity series, indicating it has very low reactivity. Therefore, it does not react with acids or water because it is less reactive than hydrogen and cannot displace other elements from their compounds.

## How to Use the Activity Series in Chemistry

### Predicting Reactions

To predict if a displacement reaction will occur:

- Check the positions of the metals involved.
- If the metal you are adding is higher in the series than the metal in the compound, a reaction will likely occur.

### Designing Experiments

- Select metals based on their position in the activity series.
- Observe reactions with acids, water, or other metal compounds.
- Record and analyze results to reinforce understanding.

### Safety Considerations

- Highly reactive metals like potassium and sodium should be handled with care.
- Reactions involving these metals should be performed under supervision and with proper safety equipment.

## Summary of Key Points for POGIL Activity Series Answers

- The activity series ranks metals based on reactivity.
- More reactive metals can displace less reactive metals from their compounds.
- Metals react differently with water and acids depending on their position.
- Gold and platinum are least reactive, often unreactive with acids and water.
- Understanding the activity series aids in predicting reactions, preventing corrosion, and designing chemical experiments.

## Additional Tips for Mastering the Activity Series

### Memorization Strategies

- Use mnemonic devices to remember the order of metals.
- Create flashcards with metal names and their positions.
- Practice predicting reactions regularly.

### Real-World Applications

- Corrosion prevention in infrastructure.

- Metal extraction and refining processes.
- Designing batteries and electrochemical cells.
- Understanding environmental impacts of metal waste.

### Practice Questions for Reinforcement

- Which metals can react with acids but not with water?
- How does the activity series explain the corrosion of iron?
- What is the significance of the activity series in recycling metals?

## Conclusion

Understanding the **pogil the activity series answers** is fundamental to mastering concepts in chemistry related to metal reactivity. By exploring the principles behind the activity series, students can predict chemical reactions, understand displacement reactions, and appreciate the importance of metal reactivity in industrial processes and everyday life. Whether you're preparing for exams, conducting experiments, or simply seeking to deepen your understanding of chemistry, mastering the activity series through guided inquiry activities like POGIL can significantly enhance your knowledge and analytical skills.

Keywords: pogil activity series answers, metal reactivity, displacement reactions, activity series of metals, chemical reactivity, corrosion prevention, metal reactions with water, metal reactions with acids, POGIL activities, chemistry education

Pogil the Activity Series Answers: A Comprehensive Guide to Understanding and Using the Activity Series in Chemistry

Understanding the Pogil the Activity Series Answers is essential for students and educators who aim to master the concepts of reactivity in chemistry. The activity series, often presented in Pogil (Process Oriented Guided Inquiry Learning) activities, provides a systematic way to predict the outcomes of single replacement reactions and to understand the relative reactivity of metals and non-metals. This guide aims to demystify the activity series, explain how to interpret Pogil activities related to it, and provide strategies for mastering the answers effectively.

What is the Activity Series?

The activity series is a ranked list of elements (mainly metals) based on their ability to displace other elements from compounds, particularly in aqueous solutions. It helps chemists predict whether a certain single displacement reaction will proceed spontaneously.

Key Features of the Activity Series:

- Reactivity ranking: Elements are ordered from most reactive to least reactive.
- Displacement capability: More reactive metals can displace less reactive metals from their compounds.
- Standard reduction potentials: The series correlates with the elements' tendencies to gain electrons (be reduced).

The Role of Pogil Activities in Learning the Activity Series

Pogil activities are designed to facilitate inquiry-based learning. When applied to the activity series, these activities encourage students to analyze data, interpret trends, and develop reasoning skills related to chemical reactivity.

Typical Pogil Activity Structure:

- Initial exploration: Students observe and analyze experimental data or reaction patterns.
- Guided questions: Foster critical thinking about the relationships between element reactivity and their positions in the series.
- Application exercises: Students predict the outcomes of reactions based on the series and verify their reasoning.

How to Approach Pogil the Activity Series Activities

Mastering Pogil activities related to the activity series involves a strategic approach:

Step 1: Review the Activity Series Chart

Familiarize yourself with the standard activity series chart. Recognize the order of metals and how it relates to their reactivity.

Step 2: Understand Key Concepts

- Displacement reactions: Metal A displaces metal B if A is above B in the series.
- Reaction spontaneity: Reactions proceed spontaneously if the element doing the displacing is more reactive.

Step 3: Analyze Experimental Data

Look at the data provided in the activity:

- Which reactions occurred?
- Which did not?
- What patterns emerge?

Step 4: Answer Guided Questions Carefully

Reflect on the reasoning behind each answer:

- Why does a particular reaction happen or not?
- How does the position of an element in the series influence its reactivity?

Step 5: Practice with Variations

Try predicting the outcomes of reactions not explicitly covered in the activity to reinforce understanding.

Common Questions and Answer Strategies for Pogil the Activity Series

Below are typical questions encountered in Pogil activities and strategies for answering them effectively.

Question 1: Which metals can displace hydrogen from acids?

Answer approach:

- Refer to the activity series to identify metals above hydrogen.
- Metals like zinc, magnesium, and iron are above hydrogen and can displace it from acids.
- Metals below hydrogen (e.g., copper, silver) cannot.

Question 2: Why does a reaction occur between zinc and copper sulfate but not between copper and zinc sulfate?

Answer approach:

- Look at the position of zinc and copper in the activity series.

- Zinc is above copper, so zinc can displace copper from its sulfate.
- Copper is below zinc, so it cannot displace zinc from its sulfate.

Question 3: Predict whether a given reaction will occur.

Answer approach:

- Check the relative reactivity of the metals involved.
- Confirm whether the metal attempting to displace is higher in the activity series.

Tips for Mastering the Activity Series and Pogil Answers

- Memorize the basic activity series: While not always necessary to memorize the entire series, knowing the general order helps in quick reasoning.
- Understand the underlying principles: Recognize that the activity series is based on oxidation-reduction tendencies.
- Practice with real examples: Use textbook problems, online quizzes, and lab experiments to reinforce your understanding.
- Use visual aids: Create flashcards or charts to visualize the series.
- Discuss with peers or instructors: Clarify doubts and explore different reasoning approaches.

Real-World Applications of the Activity Series

Understanding the activity series extends beyond academic exercises and into practical applications:

- Corrosion prevention: Selecting appropriate metals for construction to prevent rust.
- Electrochemical cells: Designing batteries based on the reactivity of metals.
- Metal extraction: Choosing suitable metals for reduction processes.

Conclusion

Mastering Pogil the Activity Series Answers is a fundamental step toward understanding chemical reactivity and predicting reaction outcomes. By familiarizing yourself with the structure of the activity series, practicing interpretation of Pogil activities, and applying critical reasoning strategies, you will enhance your comprehension of oxidation-reduction processes. Remember, the activity series is more than just a list?it's a powerful tool that unlocks the predictive power of chemistry in both academic and real-world contexts.

Empower your chemistry learning journey by engaging deeply with Pogil activities and the activity series. With practice and understanding, you'll develop the confidence to analyze reactions critically and apply your knowledge effectively.

QuestionAnswer What is the purpose of the POGIL activity series activity? The purpose is to help students understand the reactivity of metals by arranging them in a activity series based on their ability to displace or react with other substances. How do I determine the position of a metal in the activity series using POGIL activities? You determine the position by analyzing experimental results from displacement reactions and comparing how easily metals react with acids, water, or other solutions, as guided by the POGIL activity instructions. Are the answers to the POGIL activity series activity available online? Yes, various educational resources and teacher websites provide answer keys to POGIL activity series activities, but it's best to use them to understand concepts rather than just copying answers. What are common mistakes students make when completing the POGIL activity series activity? Common mistakes include misinterpreting experimental data, confusing the reactivity order of similar metals, or not following the experimental procedure carefully as outlined in the activity guide. How can I use the POGIL activity series to predict chemical reactions? By understanding the activity series, you can predict whether a metal will displace another from a compound or react with acids, based on their positions in the series. Is the POGIL activity series activity suitable for beginner chemistry students? Yes, it is designed to introduce students to the concept of reactivity and series of metals in a collaborative and inquiry-based manner suitable for beginners. Where can I find detailed answers or explanations for the POGIL activity series? You can find detailed explanations in teacher guides, educational websites, or textbooks that accompany the POGIL curriculum, and some online forums or study groups discuss these activities. How does understanding the activity series help in real-world applications? Understanding the activity series helps predict corrosion, metal extraction, and reactivity in industrial processes, making it essential for chemistry-related industries. Can I complete the POGIL activity series activity without prior knowledge of reactivity series? While prior knowledge helps, the activity is designed to guide students through the process of discovering the reactivity series through experimentation and guided inquiry. What should I do if I get stuck on the POGIL activity series question? Review the experimental data, revisit the activity instructions, collaborate with classmates, or consult your teacher for hints to help clarify the concepts and move forward.

**Related keywords:** activity series, pogil worksheet, reactivity series, metal reactivity, pogil activities, activity series chart, metal reactivity order, chemistry pogil, activity series answers, metal displacement reactions

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