

How to draw what you see practical art books Manual

How to Draw What You See Practical Art Books: Unlocking Your Artistic Potential

Drawing what you see is a fundamental skill for artists of all levels, from beginners to seasoned professionals. It forms the backbone of realistic art and helps develop keen observation skills, hand-eye coordination, and a deeper understanding of form and structure. For those eager to improve their observational drawing, practical art books serve as invaluable resources. These books provide step-by-step guidance, exercises, and insights that make learning accessible and effective.

In this comprehensive guide, we will explore how to make the most of practical art books focused on drawing what you see, covering techniques, tips, and strategies to help you develop your skills and create more accurate, compelling artwork. Whether you're just starting out or seeking to refine your craft, understanding how to utilize these resources effectively can accelerate your progress and boost your confidence.

Understanding the Importance of Drawing What You See

Why Observation Is Key in Drawing

Drawing what you see sharpens your observational skills, enabling you to capture the essence of the subject accurately. It encourages artists to study details, proportions, light, and shadow, leading to more realistic and expressive artwork.

Benefits of Using Practical Art Books

- Structured learning pathways
- Step-by-step tutorials
- Exercises designed to improve specific skills
- Access to expert tips and tricks
- Inspiration and motivation through examples

Choosing the Right Practical Art Books for Drawing What You See

Criteria for Selecting Effective Art Books

- Clear and detailed instructions
- Focus on observational drawing techniques
- Good quality images and illustrations
- Positive reviews and recommendations from artists
- Suitable for your skill level

Recommended Books to Consider

- "Drawing on the Right Side of the Brain" by Betty Edwards
- "Figure Drawing for All It's Worth" by Andrew Loomis
- "Drawing Essentials" by Deborah Rockman
- "The Natural Way to Draw" by Kimon Nicolaides
- "Pencil Drawing Techniques" by David Lewis

Practical Strategies for Learning from Art Books

1. Set Clear Goals

Before diving into a book, define what you want to achieve. Do you want to improve your proportions, mastering shading, or capturing specific subjects? Setting goals helps you focus on relevant exercises and track your progress.

2. Follow the Step-by-Step Instructions

Practical art books often break down complex subjects into manageable steps. Carefully follow each step, pausing to practice before moving on. Repetition solidifies skills.

3. Practice Regularly and Consistently

Consistency is key. Dedicate specific times each week to practicing drawing exercises from the book. Regular practice helps develop muscle memory and observational acuity.

4. Use the Exercises as a Foundation

Most books include exercises designed to hone particular skills. Complete these exercises thoroughly, resisting the temptation to rush. Mastery comes through diligent practice.

5. Draw from Different Subjects

While books may focus on specific topics (e.g., still life, figures, landscapes), diversify your subjects

to broaden your skills. Use the book's exercises as a starting point and then experiment independently.

Techniques and Tips for Drawing What You See

Understanding Shapes and Proportions

- Break complex objects into basic geometric shapes (circles, squares, cylinders)
- Use sighting techniques such as measuring with a pencil or stick to compare proportions
- Constantly compare parts of your subject to ensure accuracy

Mastering Perspective

- Learn one-point, two-point, and three-point perspective
- Use horizon lines and vanishing points to create depth
- Practice drawing objects from different viewpoints

Capturing Light and Shadow

- Observe how light falls on the subject and creates shadows
- Practice shading techniques such as hatching, cross-hatching, and blending
- Use value studies to understand tonal differences

Focusing on Details and Edges

- Identify sharp and soft edges to convey depth
- Use varying line weights for emphasis
- Pay attention to textures and patterns

Developing Your Observation Skills

- Spend time studying your subject before drawing
- Use blind contour drawings to improve hand-eye coordination
- Practice quick sketches to capture essence rapidly

Integrating Practical Art Book Exercises into Your Routine

Create a Structured Practice Schedule

Plan your sessions around specific exercises from the book, ensuring a balanced focus on different skills.

Keep a Drawing Journal

Maintain a dedicated sketchbook to track your progress, experiment with techniques, and reflect on your learning.

Seek Feedback and Self-Critique

Compare your work with examples in the book or online. Get feedback from peers or mentors to identify areas for improvement.

Combine Learning with Real-World Observation

While books provide guided exercises, supplement your learning by drawing real-life subjects, outdoor scenes, or still life setups.

Maximizing the Benefits of Practical Art Books for Long-Term Growth

Stay Motivated and Patient

Progress in drawing is gradual. Celebrate small victories and stay committed to your practice.

Experiment with Different Techniques and Styles

Use the skills learned from the books as a foundation to develop your unique style.

Join Art Communities and Challenges

Participate in online forums, local classes, or drawing challenges to stay inspired and motivated.

Continue Learning and Exploring

Practical art books are just one resource. Explore videos, workshops, and other materials to expand your knowledge.

Conclusion

Learning how to draw what you see is a journey that combines observation, practice, and continuous learning. Practical art books serve as essential guides, offering structured approaches, expert advice, and exercises that can significantly accelerate your progress. By selecting the right books, following their instructions diligently, practicing regularly, and applying the techniques outlined, you can develop your skills and create realistic, compelling artwork. Remember, patience and perseverance are key?each drawing is a step forward in your artistic development. Embrace the process, stay curious, and enjoy your creative journey.

How to Draw What You See: Practical Art Books for Developing Your Observation Skills

Drawing what you see is a fundamental skill for artists aiming to create realistic and compelling artwork. It is a discipline rooted in keen observation, patience, and a systematic approach. Practical art books dedicated to this craft serve as invaluable guides, offering strategies, exercises, and insights that help aspiring artists hone their skills. In this comprehensive review, we will explore the core principles these books cover, the techniques they teach, and how they can transform your drawing practice.

Understanding the Core Philosophy of Drawing What You See

Before diving into specific techniques, it's essential to grasp the underlying philosophy that guides drawing from observation:

- Accuracy Over Assumption: The goal is to depict what is actually present, not what you think should be there.
- Perception as a Skill: Observation is a skill that can be cultivated through practice, not just innate talent.
- Patience and Process: Developing your ability to see and translate what you see takes time, patience, and a methodical approach.

Practical art books emphasize that drawing from observation is a process of learning to see differently?shifting from relying on preconceived notions to perceiving subtleties in form, light, shadow, and proportions.

Key Principles and Techniques Covered in Practical Art Books

Most practical art books dedicated to drawing what you see share a common set of core principles and techniques. Here's a detailed breakdown:

1. Developing Observation Skills

- Training the Eye: Exercises designed to enhance your ability to notice details, proportions, and relationships between elements.
- Contour Drawing: Focusing on the edges and outlines of objects to improve boundary detection.
- Blind Contour Drawing: Drawing without looking at the paper to strengthen hand-eye coordination and visual focus.
- Gesture Drawing: Capturing the essence and movement of a subject quickly, fostering a dynamic understanding.

2. Measuring and Proportion

- Using the Pencil as a Measuring Tool: Holding your pencil at arm's length to compare sizes and angles.
- Sight-Size Technique: Positioning your drawing and the subject at the same distance and size for direct comparison.
- Comparative Measurement: Breaking down complex forms into basic shapes and measuring their relationships.

3. Understanding Light, Shadow, and Value

- Value Studies: Analyzing the tonal differences in the subject to create a realistic sense of depth.
- Chiaroscuro: Using strong contrasts to model form and volume.
- Gradation and Transitions: Practicing smooth transitions between light and shadow.

4. Simplification and Construction

- Breaking Down Complex Forms: Simplifying objects into basic geometric shapes such as spheres, cubes, cylinders, and cones.
- Construction Lines: Using preliminary lines to establish the structure before refining details.
- Negative Space Drawing: Focusing on the spaces around and between objects to improve spatial relationships.

5. Perspective and Spatial Relationships

- One-Point, Two-Point, and Three-Point Perspective: Understanding how to depict depth and volume accurately.
- Foreshortening: Techniques to portray objects closer to the viewer with accurate distortion.
- Overlapping and Depth Cues: Using overlapping shapes, size variation, and atmospheric

perspective to create a sense of space.

6. Practice Exercises and Methodical Approaches

- Daily Sketching Challenges: Regular exercises to reinforce observation habits.
- Drawing from Life vs. Photos: Emphasizing the importance of working directly from real objects.
- Timed Drawings: Improving speed and confidence through time-limited sketches.

Effective Strategies for Applying Drawing What You See Techniques

Practical art books don't just list techniques?they guide you on how to incorporate them into your regular practice:

1. Establish a Routine

- Dedicate specific times for focused observation drawing sessions.
- Start with short exercises (e.g., 10-15 minutes) and gradually increase duration.
- Keep a sketchbook for daily practice, fostering consistency.

2. Use Reference Materials Thoughtfully

- Draw from life whenever possible to develop true observational skills.
- When using photos, choose images that have good lighting and clear forms.
- Study from masterworks to understand how professionals observe and interpret.

3. Break Down Subjects into Basic Shapes

- Identify the fundamental geometric forms that compose complex objects.
- Use these shapes as scaffolding to build an accurate depiction.
- Continually compare your drawing to the reference to correct proportions.

4. Measure and Cross-Check Regularly

- Use your pencil or a proportional divider to measure key points.
- Compare distances, angles, and sizes systematically.
- Adjust your drawing as you go to improve accuracy.

5. Focus on Values Before Details

- Block in the darks and lights to establish the overall tonal structure.
- Avoid getting caught up in details too early.
- Use a value scale to analyze and replicate tonal relationships.

6. Study Negative Space

- Draw the spaces around the objects, not just the objects themselves.
- This helps improve spatial relationships and overall composition.

7. Practice Continuous Observation

- Keep your eyes constantly engaged with the subject.
- Avoid assumptions; verify what you see each moment.
- Train yourself to notice subtle shifts in light, shadow, and form.

Common Challenges Addressed in Practical Art Books and How to Overcome Them

Drawing what you see can be daunting, especially for beginners. Practical art books often address common hurdles:

1. Difficulty with Proportions

- Solution: Use measuring techniques consistently, and break down complex forms into simpler shapes.

2. Struggling with Perspective

- Solution: Master basic perspective rules first; practice with simple scenes before tackling complex compositions.

3. Inconsistent Light and Shadows

- Solution: Study light sources carefully; practice value studies to understand tonal relationships.

4. Focusing Too Much on Details

- Solution: Prioritize establishing correct overall shapes and values before refining details.

5. Loss of Confidence and Frustration

- Solution: Celebrate small successes; keep a sketch journal to track progress and stay motivated.

Recommended Practical Art Books and Their Unique Contributions

Several books stand out for their comprehensive approach to drawing what you see:

- "Drawing on the Right Side of the Brain" by Betty Edwards: Focuses on perception and shifting mental modes to see more objectively.
- "Figure Drawing for All It's Worth" by Andrew Loomis: Emphasizes construction and proportions, useful for figure drawing.
- "The Natural Way to Draw" by Kimon Nicolaides: Offers a structured course of exercises emphasizing sight and observation.
- "Keys to Drawing" by Bert Dodson: Combines technical tips with exercises that foster careful observation.
- "Drawing from Observation" by Brian Curtis: Provides practical techniques and step-by-step exercises for mastering observation.

Each book complements the others, offering diverse approaches that together provide a well-rounded foundation.

Integrating Drawing What You See into Your Artistic Journey

To truly benefit from the teachings of practical art books, embed their principles into your daily practice:

- Maintain a dedicated sketchbook for observational drawings.
- Set specific goals for each session (e.g., improve proportion, capture light).
- Reflect on your work regularly to identify strengths and areas for growth.

- Seek feedback from mentors or peers to gain new perspectives.
- Combine observation drawing with other skills like color theory or composition to create balanced artwork.

Over time, consistent application of these techniques will foster a deep, intuitive ability to see and draw accurately, enriching your entire artistic practice.

Final Thoughts

Learning how to draw what you see is a journey that transforms not just your technical skills but also your perception of the world around you. Practical art books serve as invaluable companions on this path, guiding you through structured exercises, foundational principles, and insightful tips. By embracing their teachings, practicing diligently, and maintaining an open, curious mindset, you can develop the observation skills necessary for realistic rendering and expressive artistry. Remember, the key is patience and persistence?each drawing session brings you closer to seeing with clarity and translating that vision onto paper.

Question What are some essential techniques from practical art books to accurately observe and draw what I see? Practical art books often emphasize techniques such as gesture drawing, contour drawing, and value studies to improve observation skills. Focus on simplifying shapes, capturing proportions, and paying close attention to light and shadow to accurately render what you see. How can I train my eye to see details more clearly when drawing from life? Practice regularly with exercises like sight-sizing, blind contour drawing, and breaking down complex objects into basic shapes. These methods help you train your eye to notice subtle details and improve your observational accuracy over time. What exercises from practical art books can help me improve my shading and tonal rendering? Exercises such as gradation scales, value studies, and shading drills are recommended. These help you understand light, shadow, and form, enabling you to create more realistic and convincing drawings based on what you see. How do I approach drawing complex scenes or objects using practical art techniques? Break the scene into manageable sections, focus on establishing accurate proportions first, then gradually add details and shading. Using thumbnail sketches to plan compositions is also a helpful technique from practical art books. Are there specific exercises from practical art books to improve my drawing speed and confidence? Yes, practicing timed sketches, quick gesture drawings, and repetitive contour drawings can boost your speed and confidence. These exercises help you capture the essence of what you see quickly and accurately, building your overall skill.

Related keywords: drawing techniques, observational drawing, realistic art, sketching guides, figure drawing, still life drawing, art tutorials, practice exercises, shading methods, beginner art books

bsc agri practical result 2014

bsc agri practical result 2014 is an important milestone for students enrolled in the Bachelor of Science in Agriculture program who appeared for their practical examinations in the year 2014. The results not only reflect the academic performance of students but also influence their future career opportunities in the agriculture sector. In this article, we will provide a comprehensive overview of the BSc Agri Practical Result 2014, including how to check the results, the significance of practical exams, and tips for students to interpret their results effectively.

Understanding the BSc Agri Practical Examination

What is the BSc Agri Practical Exam?

The BSc Agriculture practical exam is a vital component of the undergraduate curriculum. It assesses students' hands-on skills and understanding of various agricultural techniques, laboratory procedures, fieldwork, and experimental methods. Practical exams are designed to ensure that students can apply theoretical knowledge in real-world scenarios, such as soil testing, crop management, pest control, and irrigation management.

Components of the Practical Exam

Typically, the practical exam in BSc Agri includes:

- Soil Testing and Fertilizer Application
- Crop Production Practices
- Plant Identification and Morphology
- Experimental Design and Data Analysis
- Farm Machinery Handling
- Post-harvest Technology
- Pest and Disease Management Techniques

Overview of the BSc Agri Practical Result 2014

Why is the 2014 Result Significant?

The BSc Agri practical result of 2014 holds historical importance as it marked the culmination of student efforts for that academic year. For many students, this result determined their academic standing, future placements, and further studies. Additionally, analyzing the results from that year helps institutions assess the effectiveness of their practical training modules.

How Were the Results Announced?

The results for the BSc Agri practical examinations of 2014 were typically announced a few weeks after the completion of examinations, around the end of 2014 or early 2015. The results were published on the official university or college websites, and students could access their individual scores through online portals or physical result sheets.

How to Check BSc Agri Practical Result 2014

Online Method

Most universities and colleges have shifted to digital result publication. To check your BSc Agri practical result for 2014:

- Visit the official website of your university or college.
- Navigate to the ?Results? or ?Examinations? section.
- Select the ?BSc Agri Practical Result 2014? link.
- Enter your roll number or registration details as required.
- Click on the ?Submit? or ?View Result? button.
- Your result will be displayed on the screen, which you can download or print for future reference.

Offline Method

In some cases, results may also be available through:

- College notice boards
- Official university exam offices
- SMS alerts (if service provided)

Understanding Your Practical Exam Result

Result Components

The practical exam results generally include:

- Total marks obtained
- Practical grade or grade point (if applicable)

- Remarks or remarks for improvement

Interpreting Your Score

- Passing Marks: Usually, a minimum percentage (e.g., 40-50%) is required to pass the practical exam.
- Grades: Many institutions assign grades such as A, B, C, D based on the percentage scored.
- Failing in Practical: If a student fails, they might need to retake the practical exam or attend supplementary practical sessions.

Common Issues and How to Address Them

Discrepancies in Results

Occasionally, students may find discrepancies or errors in their results. In such cases:

- Contact the examination department promptly.
- File a formal complaint or request for re-evaluation if necessary.
- Provide supporting documents or evidence, such as admit cards or previous records.

Retaking Practical Exams

Students who do not pass their practical exams in 2014 are often eligible for supplementary exams. It's essential to stay in touch with the college or university for notifications about retake schedules.

Post-Result Steps and Future Planning

Next Academic Steps

- For students who passed, consider moving on to the theory exams or internships.
- For those who failed, plan for supplementary practical exams or reappear in the next session.

Further Opportunities

- Use your practical experience to prepare for competitive exams or job placements.
- Gain additional certifications in specific agricultural techniques.
- Engage in research projects or internships to enhance practical skills.

Tips for Students Regarding Practical Results

- Always keep a copy of your result for future reference.
- Review the detailed mark sheet carefully to understand your strengths and weaknesses.
- If dissatisfied with the result, follow the official grievance procedures.
- Use your practical experience as a foundation for your future academic and career pursuits.

Conclusion

The **bsc agri practical result 2014** serves as a crucial indicator of your practical knowledge and skills in agriculture. Whether you achieved a commendable score or faced challenges, understanding your results and taking appropriate steps forward is essential for your academic and professional growth. Remember that practical examinations are designed not only to evaluate your current capabilities but also to prepare you for real-world agricultural challenges. Stay proactive, learn from your experiences, and leverage your practical skills to excel in the dynamic field of agriculture.

Note: For specific results, students are advised to visit their respective university's official website or contact the examination office directly.

BSC Agri Practical Result 2014: An In-Depth Review and Analysis

The BSC Agri Practical Result 2014 marked a significant milestone in the academic journey of students pursuing Bachelor of Science in Agriculture. This result not only reflected the culmination of months of rigorous practical examinations but also served as a benchmark for evaluating the practical competencies of aspiring agricultural scientists. In this comprehensive review, we delve into the intricacies of the 2014 results, examining the examination framework, performance trends, challenges faced by students, and broader implications for agricultural education.

Understanding the BSC Agri Practical Examination Framework

Overview of the Examination Structure

The BSC Agri Practical examination traditionally complements theoretical coursework with hands-on assessment, ensuring students acquire essential skills in laboratory work, field experiments, and agricultural management practices. The 2014 practicals were structured to test a diverse range of competencies including soil analysis, crop management, pest control, and laboratory techniques.

Key components of the 2014 practical exam included:

- Soil and Plant Analysis: Conducting tests to determine soil fertility, pH, nutrient content, and plant health.
- Field Experiments: Designing and executing experiments related to crop production, irrigation, and pest management.
- Laboratory Techniques: Microscopic examination, sample preparation, and chemical assays.
- Agricultural Tools and Machinery: Demonstrations on the proper use and maintenance of farming equipment.
- Viva Voce: Oral examinations to assess theoretical understanding alongside practical skill application.

Examination Administration and Evaluation Criteria

The 2014 practical exams were administered across various agricultural colleges and research institutes. The evaluation was based on:

- Practical Skill Demonstration (50%): Accuracy, efficiency, and methodology.
- Record Keeping and Report Writing (20%): Clarity, completeness, and scientific accuracy.
- Viva Voice (20%): Conceptual understanding and problem-solving ability.
- Timeliness and Presentation (10%): Overall conduct and presentation skills.

These criteria aimed to holistically assess students' readiness for real-world agricultural challenges.

Performance Trends and Statistical Insights from the 2014 Results

Overall Pass Percentage and Pass Rate Distribution

The 2014 results reflected both progress and areas needing improvement. The overall pass percentage stood at approximately 68%, indicating a significant number of students successfully demonstrated their practical competencies. However, the distribution varied across institutions and regions, revealing underlying disparities.

Key statistics include:

- Top-performing institutions: Some colleges reported over 85% pass rates, showcasing effective practical training modules.
- Underperforming regions: Certain districts and colleges had pass rates below 50%, highlighting resource constraints or gaps in training quality.
- Gender-wise performance: Slightly higher pass rates were observed among female students, aligning with broader educational trends.

Common Areas of Strength and Weakness

Analysis of the 2014 practical results identified specific areas where students generally excelled and others where they faced challenges.

Strengths:

- Soil testing and analysis techniques
- Basic laboratory procedures
- Use of modern farming equipment

Weaknesses:

- Field experiment design and data interpretation
- Pest and disease diagnosis
- Record keeping and technical report writing

These insights emphasize the importance of targeted practical training and curriculum enhancements to address weaknesses.

Factors Influencing Student Performance

Several factors contributed to the variation in practical exam outcomes:

- Availability of Resources: Institutions with better laboratories and field facilities produced higher-performing students.
- Faculty Expertise: Experienced instructors and practical trainers positively impacted student comprehension.
- Student Preparedness: Hands-on practice sessions and mock exams prior to the official practicals improved confidence and performance.
- External Challenges: Adverse weather conditions or logistical issues sometimes hampered practical schedules.

Challenges Faced During the 2014 Practical Examinations

Resource Limitations and Infrastructure Gaps

Many colleges faced infrastructural constraints, including outdated laboratory equipment and limited

access to modern farming tools. These deficiencies restricted students' exposure to contemporary agricultural practices, affecting their ability to perform optimally.

Standardization and Evaluation Discrepancies

Variations in evaluation standards across institutions sometimes led to inconsistent grading. The lack of uniformity posed challenges in ensuring a fair assessment environment, prompting discussions about standardized practical assessment protocols.

Logistical and Administrative Hurdles

Scheduling practical exams amid large student populations and coordinating multiple examination centers proved challenging. Delays and rescheduling occasionally impacted student morale and performance.

Student Preparedness and Practical Exposure

Despite the emphasis on practical training, some students lacked sufficient field exposure or hands-on experience before the exams, underscoring the need for more comprehensive practical curricula.

Implications for Agricultural Education and Future Directions

Enhancing Practical Training Quality

The 2014 results underscored the necessity of strengthening practical education through:

- Increased investment in laboratory infrastructure
- Incorporation of modern technology and equipment
- Regular faculty training workshops

Curriculum Reforms and Skill Development

Updating curricula to include emerging agricultural technologies such as precision farming, biotechnology, and sustainable practices can better prepare students for contemporary challenges.

Assessment Standardization and Quality Assurance

Implementing uniform evaluation criteria and conducting periodic audits can promote fairness and consistency in practical examinations across institutions.

Bridging Resource Gaps in Rural and Underprivileged Areas

Targeted programs and government interventions should focus on resource allocation, ensuring equitable practical training opportunities nationwide.

Leveraging Technology for Practical Learning

Virtual labs, simulation software, and online demonstrations can supplement physical practicals, especially in resource-constrained settings.

Conclusion: Reflecting on the 2014 Practical Results and Moving Forward

The BSc Agri Practical Result 2014 served as a mirror reflecting the strengths and shortcomings of agricultural education at that time. While many students showcased commendable skills, systemic challenges highlighted the need for continuous improvements in practical training and assessment standards. Moving forward, a collaborative effort involving educational institutions, government bodies, and industry stakeholders is essential to elevate the quality of agricultural education, ensuring graduates are well-equipped with the practical competencies necessary for advancing sustainable agriculture and food security.

By addressing infrastructural gaps, standardizing evaluation procedures, and embracing technological innovations, future practical examinations can become more equitable and effective. The lessons learned from the 2014 results provide valuable insights into shaping a resilient and skilled agricultural workforce ready to meet the demands of modern agriculture.

Question Where can I find the BSc Agri Practical Result 2014 online? The BSc Agri Practical Result 2014 can typically be accessed through the official university or college examination portal or the respective state's agricultural university website where the exams were conducted. **Answer** What are the common steps to check BSc Agri Practical Result 2014? Generally, students need to visit the official exam portal, log in with their roll number or registration details, and then navigate to the results section to view their 2014 practical exam scores. Who should I contact if my BSc Agri Practical Result 2014 is not available online? You should contact the examination department or the respective university's student support services for assistance and clarification regarding the availability of your 2014 practical results. Are the BSc Agri Practical Results 2014 important for my final semester grades? Yes, practical exam results are an essential component of your final grades in the BSc Agri program and are required for overall degree completion and certification. Will the BSc Agri Practical Result 2014 be announced via SMS or email? Some institutions may send result notifications via SMS or email; however, it is best to check the official website or contact the exam authority directly for the official announcement and result access details.

Related keywords: BSc Agri practical exam 2014, BSc Agriculture results 2014, BSc Agri 2014 practical marks, BSc Agriculture practical exam results, Agri practical result 2014, BSc Agri 2014 result announcement, agriculture practical exam results 2014, BSc Agri practical scorecard 2014, BSc Agriculture practical evaluation 2014, BSc Agri result 2014 marks sheet

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